

Proposed Traffic Restrictions

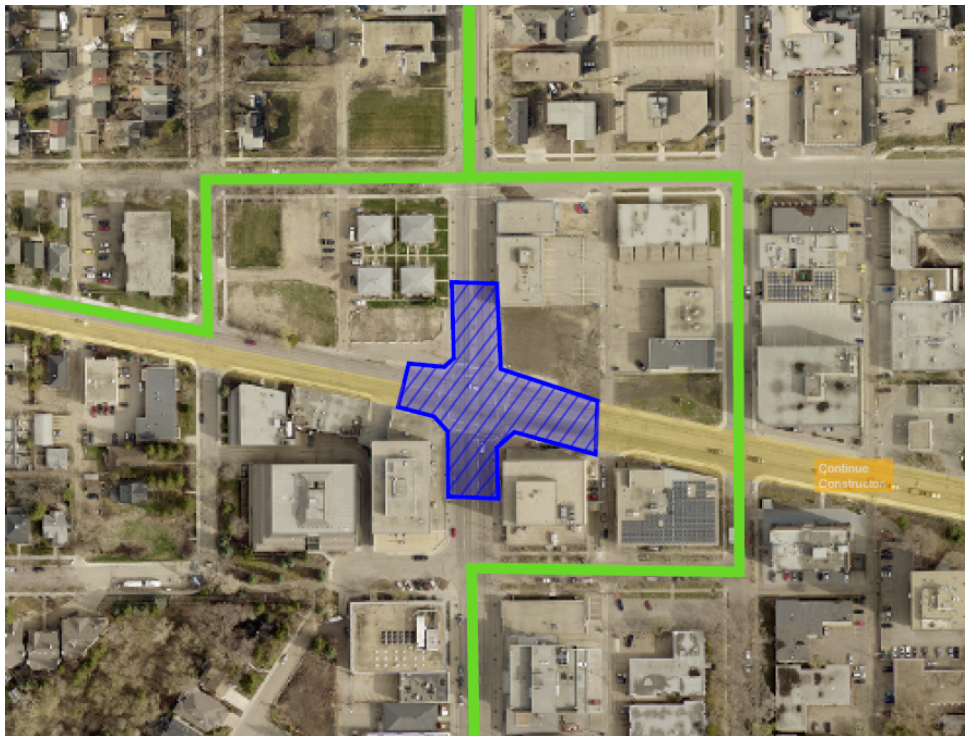
Stony Plain Road at 124 Street

Description of Work

The intersection of Stony Plain Road at 124 Street will be closed to all traffic for six to eight weeks at the start of the 2025 construction season. No through traffic or turning movements will be allowed for any mode of transportation, and detours will be in place using adjacent/parallel streets.

During this closure, 104 Avenue at 116 Street will operate at full north/south capacity for the diverted traffic.

During this closure, 102 Avenue, and more specifically the Wellington Bridge, will continue to operate. The Wellington Bridge will be closed later in the year, while this work on Stony Plain Road is expected to be completed in the first three quarters of the year.



Duration and Comparison to Project Agreement Compliant Phasing

If this intersection is not fully closed, its reconstruction would require a minimum of four phases totaling 48 weeks, over two construction seasons. Each quadrant of the intersection would be closed separately and traffic shifted each time.

Traffic Impacts

A signed detour route which includes 123 Street, 125 Street, 105 Avenue and 104 Avenue shown in green above is proposed to reroute traffic around the closure. The majority of traffic impacts will be localized near Stony Plain Road at 124 Street and will be manageable through appropriate traffic controls and signage. The traffic not utilizing the local detour route will shift to 102 Avenue and 107 Avenue in a similar manner as when the Stony Plain Road Bridge was closed. Some north/south traffic will shift to 116 Street.

Impacted ETS Bus Routes

The following routes will be impacted by this proposed intersection closure and advance public notice will be provided to impacted transit riders. Alternative ETS services will not be available at the temporarily closed bus stops. Some riders will encounter longer walking distances.

Route 5 and 900X:

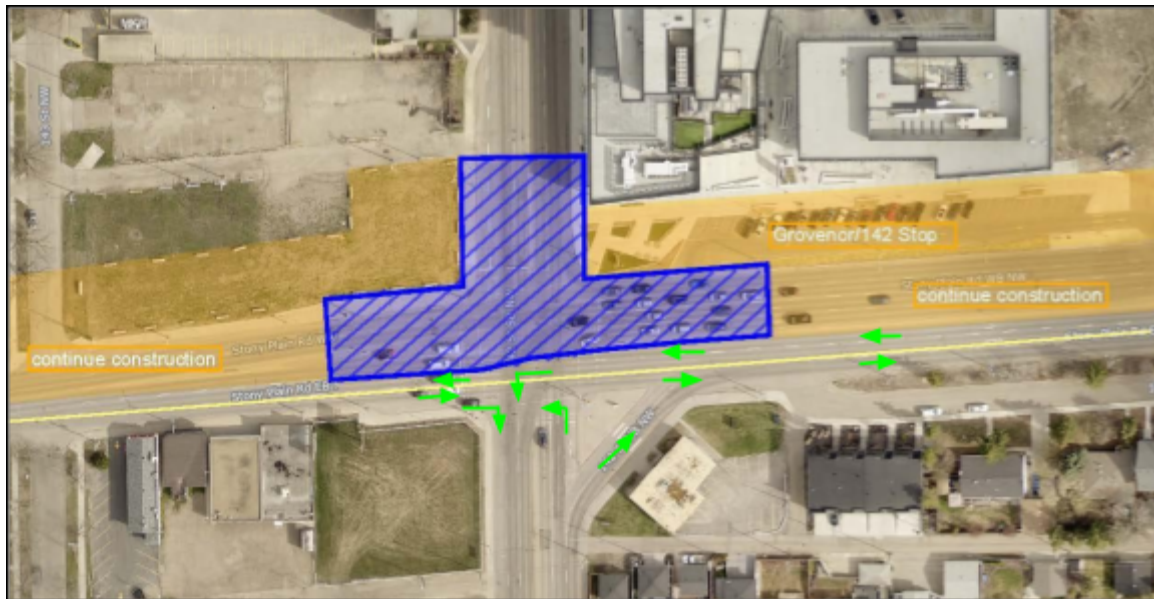
- Eastbound detour around this intersection closure via 106 Avenue and 121 Street.
- Westbound detour around this intersection closure via 106 Avenue and 121 Street.
- Bus stops along 124 Street between 102 Avenue and 106 Avenue will be temporarily closed.

Stony Plain Road at 142 Street

Description of Work

The intersection of Stony Plain Road at 142 Street will be partially closed for seven to nine weeks starting in July 2025. The north half of the intersection will be closed and the following traffic movements will not be allowed:

- Northbound and southbound through traffic.
- Southbound to westbound and eastbound turns.
- Eastbound to northbound turns.
- Westbound to northbound turns.



Traffic movements to be maintained are shown in green.

This closure will be implemented after the Stony Plain Road at 124 Street intersection is reopened to its final configuration and Stony Plain Road at 149 Street will be operating at full north/south capacity for the diverted traffic.

Duration and Comparison to Project Agreement Compliant Phasing

If this intersection is not partially closed, its reconstruction would require a minimum of two additional phases over 24 weeks (northwest and northeast quadrants of the intersection would need to be closed separately). North/south traffic movement and turning movements would be maintained through the intersection similar to the past two years.

Traffic Impacts

With a partial closure, many of the major movements will continue to operate (northbound to eastbound, and westbound to southbound). North/south through traffic will primarily divert to 149 Street and full north/south capacity at 149 Street will be available to mitigate impacts. Signage and signal timing adjustments will be provided to encourage use of 149 Street. While there may be paths to circumnavigate the closure through Grovenor, the routes are highly inconvenient with no travel time advantage; they are not likely to become prolonged shortcutting routes.

Impacted ETS Bus Routes

The following routes will be impacted by this proposed partial intersection closure and advance public notice will be provided to impacted transit riders. Alternative ETS services will not be available at the temporarily closed bus stops. Some riders will encounter longer walking distances.

Route 904:

- Detour around this partial intersection closure via 91 Avenue, 95 Avenue or Stony Plain Road, 149 Street and 107 Avenue. ETS will further evaluate options for riders and operational impacts.
- Bus stops along 142 Street between Stony Plain Road and 107 Avenue will be temporarily closed.

If this planned schedule is changed to outside of July and August, the above impact will also apply to Route 682.

Stony Plain Road at 149 Street

Description of Work

The intersection of Stony Plain Road at 149 Street will be partially closed for seven to nine weeks starting in September 2025. The north half of the intersection will be closed and the following traffic movements will not be allowed:

- Northbound and southbound through traffic.
- Southbound to westbound and eastbound turns.
- Eastbound and Westbound to northbound turns.



Traffic movements to be maintained are shown in green.

This closure will be implemented after the Stony Plain Road at 142 Street intersection is reopened and operating in the final configuration at full north/south capacity for the diverted traffic.

Duration and Comparison to Project Agreement Compliant Phasing

Without the proposed partial intersection closure, this intersection would require a minimum of two additional phases over 24 weeks (northwest and northeast quadrants to be closed separately).

Traffic Impacts

With a partial closure, many of the major movements will continue to operate (northbound to eastbound, and westbound to southbound). North/south through traffic will primarily divert to 142 Street and 156 Street and full north/south capacity at 142 Street will be available to mitigate impacts. Signage and signal timing adjustments will be provided to encourage use of these alternate routes. The likelihood of neighbourhood shortcutting will be minimal due to the limited alternate north/south through routes in Canora and Grovenor. Neighbourhood residents will need to adjust travel patterns to access 149 Street or 156 Street for travelling to/from the south.

Impacted ETS Bus Routes

The following routes will be impacted by this proposed partial intersection closure and advance public notice will be provided to impacted transit riders. Alternative ETS services will not be available at the temporarily closed bus stops. Some riders will encounter longer walking distances.

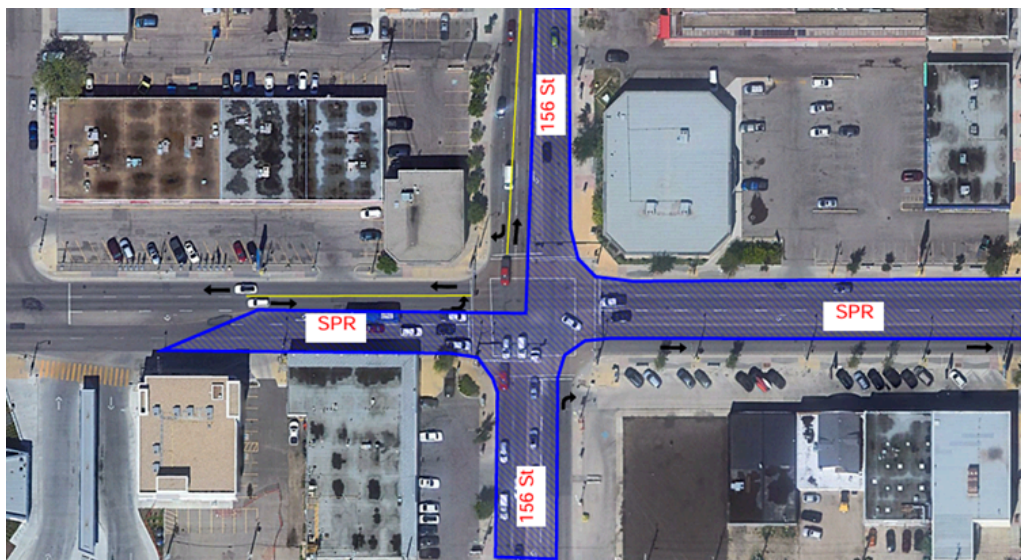
Route 7:

- Detour around this intersection closure via 91 Avenue, 95 Avenue or Stony Plain Road, 142 Street and 107 Avenue. ETS will further evaluate options for rider and operational impacts.
- Bus stops along 149 Street between Stony Plain Road and 107 Avenue, and along 95 Avenue between 149 Street and 163 Street, will be temporarily closed

Stony Plain Road at 156 Street

Description of Work

MIP intends to partially close the intersection of Stony Plain Road at 156 Street for 10 to 12 weeks at the start of the 2025 construction season. This is one of three intersections along the alignment where the LRT makes a 90-degree turn. These 90-degree turns are complex to build because of highly precise track geometry. Without a partial intersection closure, multiple phases are required for the tracks to cross each traffic lane while maintaining east/west and north/south traffic. Improved constructability and quality control will result from the proposed partial closure.



This partial closure will not accommodate any north/south and east/west through traffic with limited turn movement capacity remaining. The eastbound to northbound and northbound to eastbound left turns will be maintained.

The northwest quadrant of the intersection will be reconstructed outside of the proposed closure.

Signed detours to provide alternate routing and access to businesses are shown in green below:

- Northbound and southbound 156 Street detour via 100 Avenue, 155 Street and 102 Avenue.
- Eastbound and westbound Stony Plain Road detour via 155 Street, 100 Avenue and 158 Street.



Duration and Comparison to Project Agreement Compliant Phasing

Without the proposed partial intersection closure, this intersection would require a minimum of three additional phases over 36 weeks (northwest, northeast and southwest quadrants would need to be closed separately) over two construction seasons. The accelerated construction is expected to reduce the duration of the intersection work by 26 weeks compared to the Project Agreement compliant phasing.

Traffic Impacts

Traffic volumes on Stony Plain Road and on 156 Street have reduced by over 50 per cent since construction began on Valley Line West, therefore this intersection is not expected to have significant network traffic impacts that cannot be accommodated by detour routes such as 100 Avenue, 107 Avenue, 149 Street or 163 Street. Detour routes and local access to businesses will be provided via 155 Street, 158 Street and 102 Avenue. There is a median at the intersection of 102 Avenue and 155 Street that prevents this intersection from being used for detour traffic and this median may need to be temporarily removed for the duration of the intersection work at Stony Plain Road and 156 Street.

Impacted ETS Bus Routes

No impact.

95 Avenue at 156 Street

Description of Work

The intersection of 95 Avenue at 156 Street will be partially closed for seven to nine weeks starting in July 2025. This partial closure will not accommodate southbound through and east/west through traffic with limited turn movement remaining. Only the northbound through, southbound to westbound, and northbound to eastbound turn movements will be maintained:



Signed detours to provide access to businesses are shown in green below:



- Southbound 156 Street detour via 155 Street and 96 Avenue.
- Eastbound and westbound 95 Avenue detour via 155 Street, 96 Avenue and 157 Street.

The northwest, northeast and southeast quadrants of the intersection will be reconstructed outside of the proposed partial closure.

Duration and Comparison to Project Agreement Compliant Phasing

Without the proposed partial intersection closure, this intersection would require a minimum of three additional phases over 36 weeks (northwest, northeast and southwest quadrants to be closed separately) over two construction seasons.

Traffic Impacts

Traffic volume on 156 Street has been reduced significantly since construction on the Valley Line West began, therefore the remaining northbound and southbound traffic that is still utilizing 156 Street can be accommodated on parallel roads such as 149 Street and 163 Street. Special attention will be given to assist in signage and wayfinding for the business situated on the northeast corner of the intersection. Connections to some of the local alleys near the intersection may need to be temporarily closed to prevent traffic from turning into the alleys to bypass the intersection closure.

Impacted ETS Bus Routes

The following routes will be impacted by this proposed partial intersection closure and advance public notice will be provided to impacted transit riders. Alternative ETS services will not be available at the temporarily closed bus stops. Some riders will encounter longer walking distances.

Route 7:

- Detour around this intersection closure via 163 Street, 92 Avenue and 149 Street.
- Bus stops along 95 Avenue between 163 Street and 107 Avenue and 149 Street will be temporarily closed.

87 Avenue at Meadowlark Road

Description of Work

The intersection of 87 Avenue at Meadowlark Road will be partially closed for eight to 10 weeks starting in April 2025 for the construction of a 90-degree turn in the tracks. The north half of the intersection will be closed and detours will be 156 Street and 90 Avenue. The following movements will not be allowed:

- Northbound and southbound through traffic.
- Southbound to westbound and eastbound turns.
- Eastbound to northbound turns.
- Westbound to northbound turns.



Traffic movements to be maintained are shown in green.

Duration and Comparison to Project Agreement Compliant Phasing

Without the proposed partial intersection closure, this intersection would require two additional phases over 24 weeks (northwest and northeast quadrants to be closed separately).

Traffic Impacts

With a partial closure, many of the heavier traffic movements through this intersection will continue to be maintained (northbound to westbound, and westbound to southbound). Traffic to/from Meadowlark Road to the north can be accommodated via 156 Street as the primary detour. Signage and signal

timing adjustments will be provided to encourage use of these alternate routes. Directional signage and wayfinding for Meadowlark Mall access will be provided.

Impacted ETS Bus Routes

While adjacent bus stops will be closed or temporarily relocated if feasible, the following routes will be impacted by this proposed partial intersection closure and advance public notice will be provided to impacted transit riders. Alternative ETS services will not be available at the temporarily closed bus stops. Some riders will encounter longer walking distances.

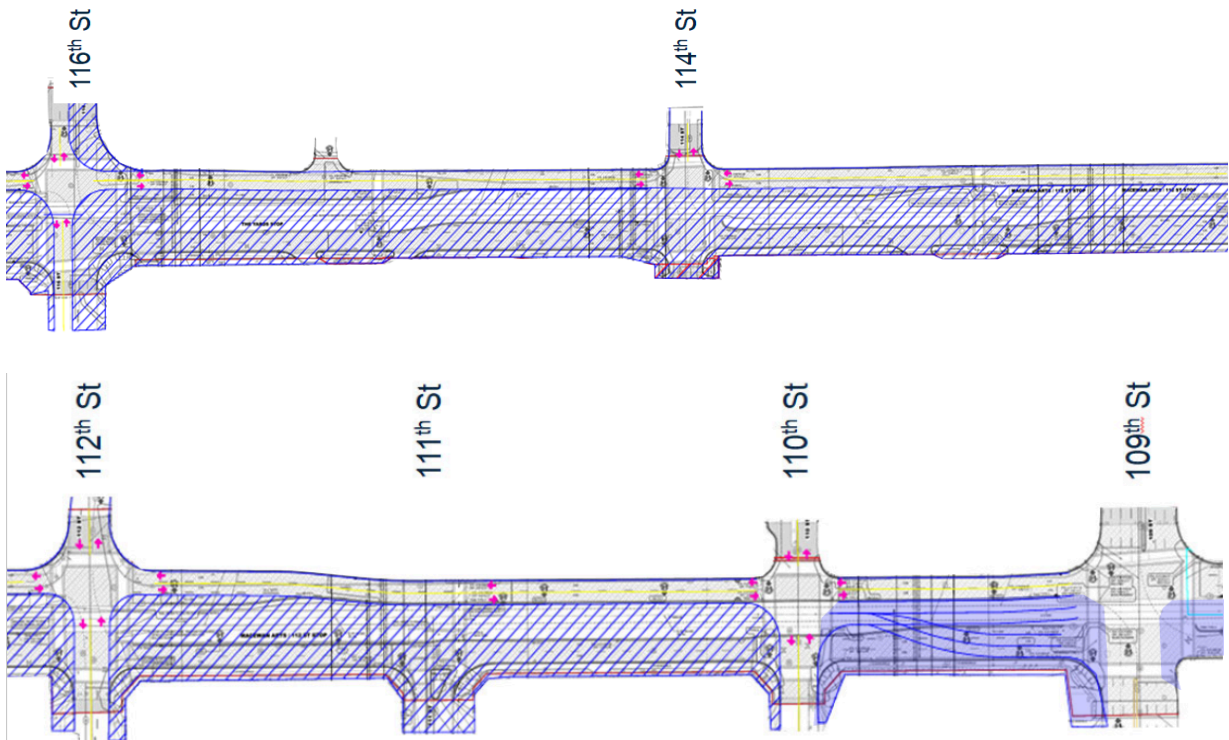
Route 924:

- Detour around this intersection closure via 87 Avenue and 156 Street (segment south of 87 Avenue).

104 Avenue Corridor (109 Street to 121 Street)

Description of Work

The accelerated plan for 104 Avenue will reduce the timeline for road and track work construction to one year. This plan will result in further traffic restrictions on 104 Avenue between 106 Street and 121 Street, reducing eastbound and westbound traffic to one lane in each direction on the north portion of 104 Avenue. Space will be provided to accommodate bus stops along 104 Avenue. The eastbound and westbound lane reduction will be carried through intersections at 109 Street and 116 Street.



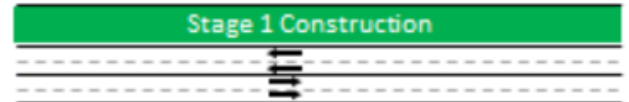
At the 109 Street intersection, two lanes of through traffic in the northbound and southbound directions will be maintained, as well as the northbound to westbound left turn. The southbound to eastbound left turn is moved to 103 Avenue (shown in yellow) and the eastbound to northbound left turn is proposed to be replaced with a jug handle (three right turns = one left turn) via 108 Street, 103 Avenue and 109 Street (shown in red).



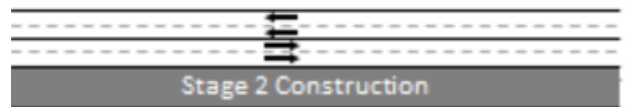
Duration and Comparison to Project Agreement Compliant Phasing

The original plan for 104 Avenue between 106 Street and 121 Street includes three construction phases shown below. Roadway construction was proposed for 2025 with trackwork in 2026. The accelerated construction phasing contemplates both road and trackwork to be completed in 2025, and would therefore reduce the duration of the work by one construction season compared to the Project Agreement compliant phasing.

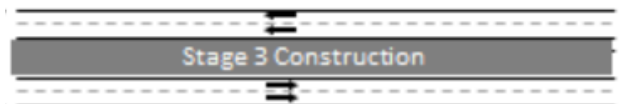
Phase 1: Two lanes of traffic in each direction move to the south side and center of 104 Avenue for north side roadway construction. As of the end of 2024, Phase 1 has been completed.



Phase 2: Two lanes of traffic in each direction move to the north side and center of 104 Avenue for south side roadway construction. This phase has not started and estimated completion is the end of 2025.



Phase 3: Two lanes of traffic in each direction move to the final configuration (on either side of the future tracks) and opening up the center for track slab construction. This phase has not started but is estimated to be completed by the end of 2026.



Traffic Impacts

This work, together with the intersection construction at 104 Avenue and 109 Street, is expected to cause the greatest traffic impacts for 2025. This is primarily due to the scope of work and it occurring throughout the entire construction season. Impacts during peak hours will be the most significant and will result in traffic shifts to 107 Avenue and 111 Avenue. Signal timing adjustments will be implemented to mitigate traffic impacts.

Business access along 104 Avenue will be maintained by providing left turn bays at selected intersections between 112 Street and 118 Street. Specific attention will be given to minimize impacts to the accesses on the south side of 104 Avenue, however interim access closures will be unavoidable. Efforts will be made to keep the 114 Street access available at all times.

Active Mode Impacts

104 Avenue is not currently a designated bike route. A cycle track is available on 105 Avenue and this will be the recommended east/west bike route during the construction period. Pedestrian detours will be provided at the intersection of 104 Avenue and 109 Street and pedestrians can also cross 109 Street via the pedestrian bridge that exists just north of 104 Avenue.

Impacted ETS Bus Routes

The following routes will be impacted by this proposed roadway restriction and advance public notice will be provided to impacted transit riders. Alternative ETS services will not be available at the temporarily closed bus stops. Some riders will encounter longer walking distances.

Route 7:

- Nearby bus stop closures, but no route change.

Route 110X:

- The detour is still to be confirmed following a review of rider impacts and operational feasibility. However, a tentative detour around this intersection could be 105 Avenue and 105 Street.