



# Welcome

## Metro Line Northwest LRT Extension Project

Today's information session provides you with a design update on Phase 2 (Blatchford to Campbell Road) of the Metro Line Northwest LRT extension. We will share the council approved design plans, including detailed drawings of key areas.



Edmonton

# Metro Line

## Northwest LRT Project

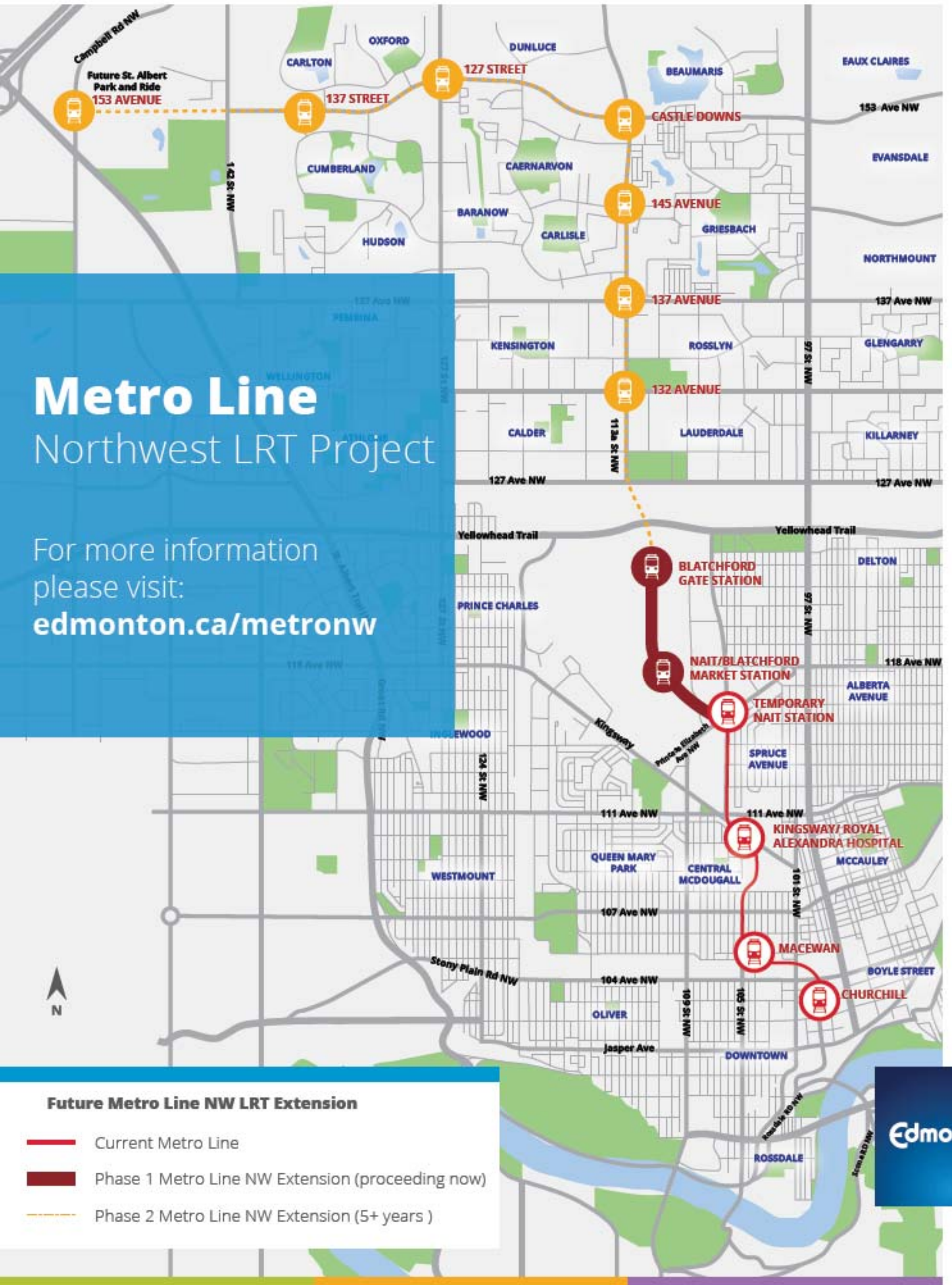
For more information  
please visit:  
[edmonton.ca/metronw](http://edmonton.ca/metronw)



### Future Metro Line NW LRT Extension

- Current Metro Line
- Phase 1 Metro Line NW Extension (proceeding now)
- - - Phase 2 Metro Line NW Extension (5+ years)

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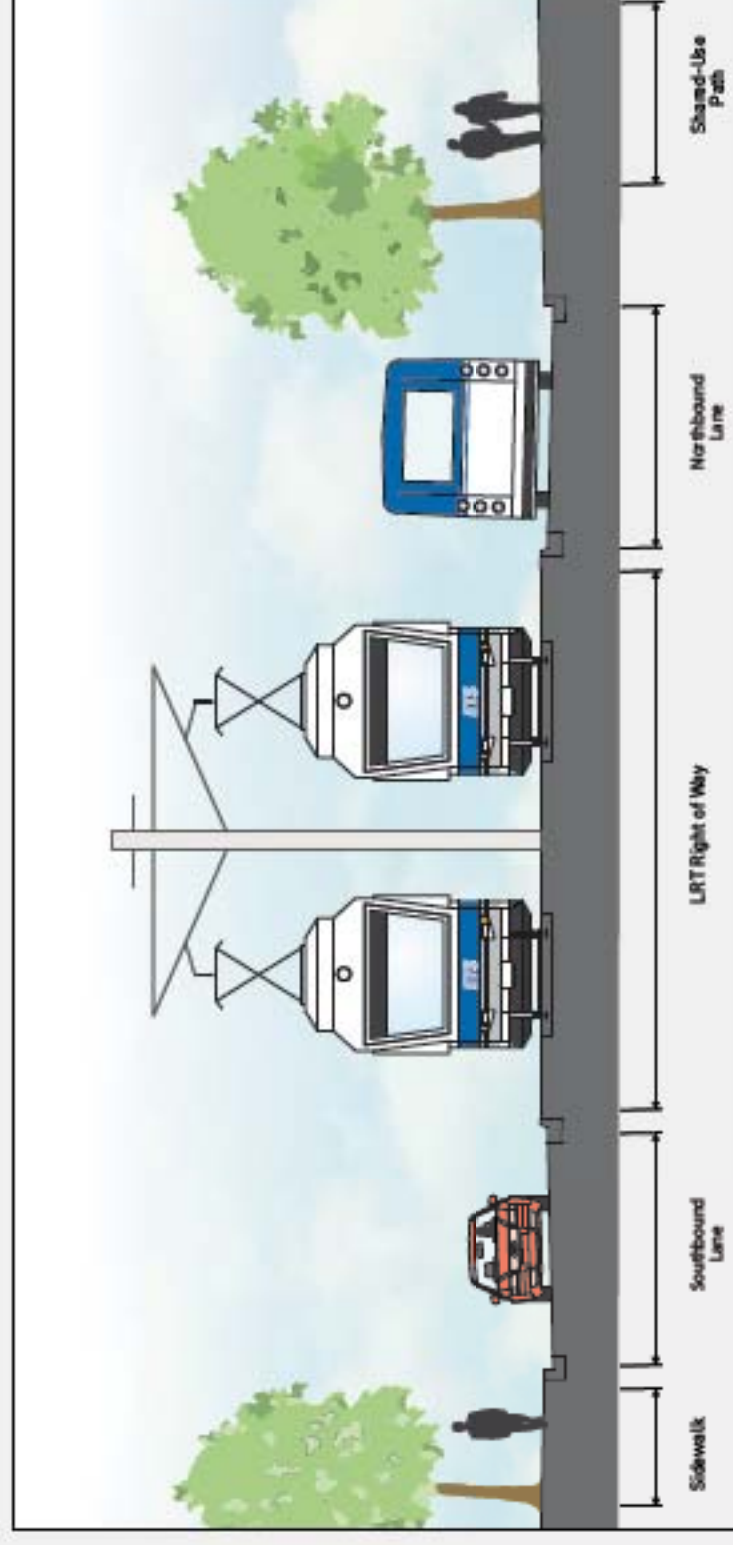


# Metro Line

## Centre-Running

### LRT Alignment

Urban style LRT that runs north to south (132 Avenue-Castle Downs) is designed to have better integration, fewer barriers and slower speed (less than 50 km/h). Suburban style LRT that runs east to west (Castle Downs-153 Avenue) is designed to have more physical separations including grade crossing warnings and higher speed (greater than 50 km/h).



Centre-running alignment with 'embedded' track

# Metro Line

## Lauderdale Off-leash Area



### BRIDGE CROSSING

- ▲ Elevated bridge crossing Yellowhead Trail and the CN Walker Yard
- ▲ Provides safe and efficient pedestrian and cyclist connections
- ▲ Improves access for emergency vehicles
- ▲ Off-leash park improvements include a paved parking area, public washrooms, exterior drinking fountain for dogs, landscaping and street furnishings



# Metro Line

## 137 Avenue & Castle Downs Road



### TRENCHED CROSSING

▲ Trenched crossing where LRT travels just below grade through an underpass

▲ LRT travels just below grade through an underpass

▲ Minimizes traffic lane crossings for pedestrians to access stations

▲ Improves transit network operations on 137th Ave which is a cross-town bus route

# Metro Line

## 153 Avenue & Castle Downs Road



### AT-GRADE CROSSING

▲ LRT travels through the intersection at street level when the light is green and waits when the light is red

▲ Transit centre is at the same grade as the LRT station to improve ease of access to platforms for persons with mobility needs as well as emergency and maintenance services

▲ Provides safe and efficient pedestrian and cyclist connections, and transfers between transportation modes



# Metro Line

## 127 Street & 153 Avenue



### TRENCHED CROSSING

▶ Trenched crossing where LRT travels just below grade through an underpass

▶ Grade separation at 127 Street is especially critical given that 127 Street is a truck route and connector to Anthony Henday Drive

▶ Improves connections between station and community

▶ LRT travels just below grade through an underpass



# Metro Line

## 142 Street & 153 Avenue



### AT-GRADE CROSSING



LRT travels through the intersection at street level when the light is green and waits when the light is red



Provides safe and efficient pedestrian and cyclist connections





# Metro Line

## Campbell Road

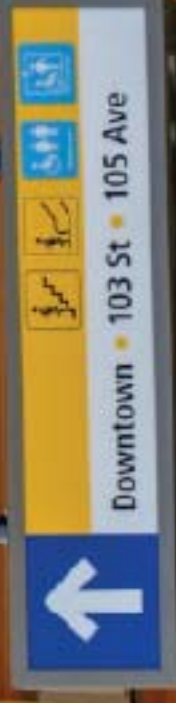


### SUBURBAN STYLE LRT

- ▶ The LRT runs east to west and is designed to have more physical separations including grade crossing warnings and operates at higher speeds
- ▶ Provides ease of access to platforms for persons with mobility needs as well as emergency and maintenance services
- ▶ Provides safe and efficient pedestrian and cyclist connections and transfers between transportation modes through street level access and park and ride facilities



**Thank you for choosing  
to be here today.**



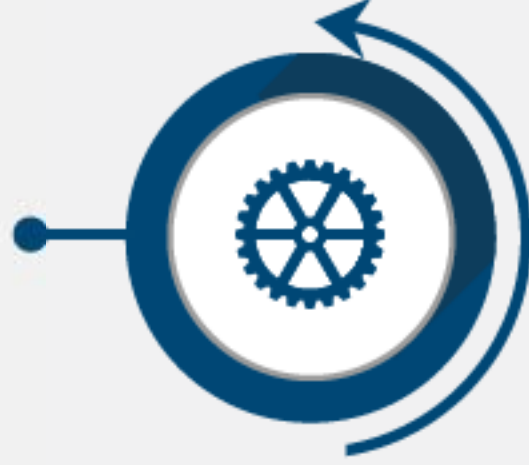
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# Metro Line

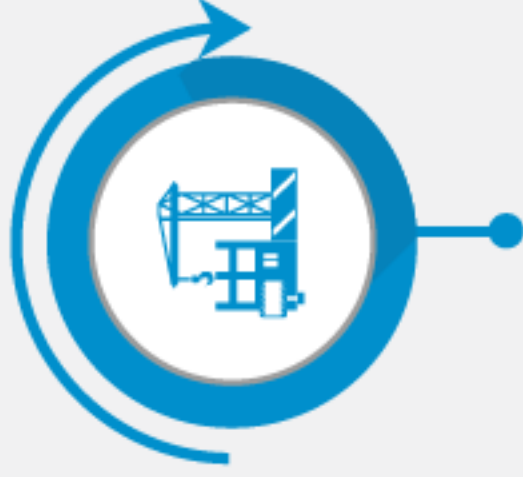
## Next Steps

### PHASE 1: NAITTO BLATCHFORD

PROCUREMENT WILL  
BEGIN IN LATE 2019



CONSTRUCTION WILL  
BEGIN 2020



CONSTRUCTION  
WILL TAKE 3-4 YEARS  
(COMPLETION 2022/2023)



### PHASE 2: BLATCHFORD TO CAMPBELL ROAD



PROJECT WILL PROCEED UPON  
FUNDING AVAILABILITY

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