WHAT ARE THE STUDY’S GOALS?

The study included 173 rapid transit alternatives that addressed three fundamental goals:

- **CAPACITY AND RELIABILITY**: Existing transit services don’t provide sufficient capacity or service reliability to the major regional destinations and economic hubs within the corridor.

- **ECONOMIC DEVELOPMENT**: Transit trips and mode share need to increase to reduce vehicle kilometres travelled and emissions, both directly and by supporting the Regional Growth Strategy and other regional objectives.

- **FINANCIAL URBAN DEVELOPMENT**: Limits on regional transit funding and the need to balance a range of investment priorities are key issues for the region.

WHAT WERE THE STUDY’S ALTERNATIVES?

The study identified three alternatives for consideration:

1. **COMBINATION 1**: A combination of RRT and LRT, with RRT from VCC-Clark to Arbutus, and LRT operating from Main Street-Science World to UBC. This alternative offers a mainly tunnelled route from VCC-Clark to UBC via Great Northern Way, Broadway, 10th Avenue, and University Blvd.

2. **COMBINATION 2**: A combination of RRT and LRT, with RRT from VCC-Clark to Arbutus, and LRT operating from Main Street-Science World to UBC. This alternative offers a largely surface route from VCC-Clark to Arbutus.

3. **LRT 1**: LRT from Commercial Dr to UBC via Broadway, West 10th Ave, and University Blvd. This alternative involves a partially tunnelled route.

WHAT DID WE IDENTIFY?

The UBC Line Rapid Transit Study identified three alternatives for consideration:

- **Combination 1**: A combination of RRT and LRT, with RRT from VCC-Clark to Arbutus, and LRT operating from Main Street-Science World to UBC. This alternative offers a mainly tunnelled route from VCC-Clark to UBC via Great Northern Way, Broadway, 10th Avenue, and University Blvd.

- **Combination 2**: A combination of RRT and LRT, with RRT from VCC-Clark to Arbutus, and LRT operating from Main Street-Science World to UBC. This alternative offers a largely surface route from VCC-Clark to Arbutus.

- **LRT 1**: LRT from Commercial Dr to UBC via Broadway, West 10th Ave, and University Blvd. This alternative involves a partially tunnelled route.

WHAT IS THE UBC LINE RAPID TRANSIT STUDY?

Launched in 2009, the study reviewed rapid transit options for the Broadway corridor from Commercial-Broadway Station to UBC, one of the region’s busiest bus corridors.

WHAT SPONSORED THE STUDY?

TransLink and the Province of British Columbia sponsored the study, in partnership with the City of Vancouver, UBC, the University Endowment Lands, Metro Vancouver, and the Musqueam Indian Band.

HOW DID WE EVALUATE THE OPTIONS?

Each alternative was evaluated on seven accounts for benefits and impacts:

- **DEMOGRAPHIC**: The study considered ridership forecasts for the year 2041.

- **ENVIRONMENT**: The study considered the environmental impact of each alternative, including GHG emissions.

- **FINANCIAL**: The study considered the capital and annual operating costs associated with each alternative.

- **TRANSPORTATION**: The study considered travel time and accessibility.

- **ECONOMIC**: The study considered the economic impact of each alternative, including job creation.

- **DEVELOPMENT**: The study considered the impact of each alternative on urban development.

- **SOCIAL**: The study considered the social impact of each alternative, including equity.

WHAT WERE THE STUDY’S FORTE?

The study concluded that:

- **Combination 1**: A combination of RRT and LRT, with RRT from VCC-Clark to Arbutus, and LRT operating from Main Street-Science World to UBC. This alternative offers a mainly tunnelled route from VCC-Clark to UBC via Great Northern Way, Broadway, 10th Avenue, and University Blvd.

- **Combination 2**: A combination of RRT and LRT, with RRT from VCC-Clark to Arbutus, and LRT operating from Main Street-Science World to UBC. This alternative offers a largely surface route from VCC-Clark to Arbutus.

- **LRT 1**: LRT from Commercial Dr to UBC via Broadway, West 10th Ave, and University Blvd. This alternative involves a partially tunnelled route.

WHAT WERE THE STUDY’S RESULTS?

The study concluded that:

- **Combination 1**: A combination of RRT and LRT, with RRT from VCC-Clark to Arbutus, and LRT operating from Main Street-Science World to UBC. This alternative offers a mainly tunnelled route from VCC-Clark to UBC via Great Northern Way, Broadway, 10th Avenue, and University Blvd.

- **Combination 2**: A combination of RRT and LRT, with RRT from VCC-Clark to Arbutus, and LRT operating from Main Street-Science World to UBC. This alternative offers a largely surface route from VCC-Clark to Arbutus.

- **LRT 1**: LRT from Commercial Dr to UBC via Broadway, West 10th Ave, and University Blvd. This alternative involves a partially tunnelled route.

WHAT ARE THE NEXT STEPS?

The study concluded that:

- **Combination 1**: A combination of RRT and LRT, with RRT from VCC-Clark to Arbutus, and LRT operating from Main Street-Science World to UBC. This alternative offers a mainly tunnelled route from VCC-Clark to UBC via Great Northern Way, Broadway, 10th Avenue, and University Blvd.

- **Combination 2**: A combination of RRT and LRT, with RRT from VCC-Clark to Arbutus, and LRT operating from Main Street-Science World to UBC. This alternative offers a largely surface route from VCC-Clark to Arbutus.

- **LRT 1**: LRT from Commercial Dr to UBC via Broadway, West 10th Ave, and University Blvd. This alternative involves a partially tunnelled route.

WHAT WERE THE STUDY’S CONCLUSIONS?

The study concluded that:

- **Combination 1**: A combination of RRT and LRT, with RRT from VCC-Clark to Arbutus, and LRT operating from Main Street-Science World to UBC. This alternative offers a mainly tunnelled route from VCC-Clark to UBC via Great Northern Way, Broadway, 10th Avenue, and University Blvd.

- **Combination 2**: A combination of RRT and LRT, with RRT from VCC-Clark to Arbutus, and LRT operating from Main Street-Science World to UBC. This alternative offers a largely surface route from VCC-Clark to Arbutus.

- **LRT 1**: LRT from Commercial Dr to UBC via Broadway, West 10th Ave, and University Blvd. This alternative involves a partially tunnelled route.

WHAT WERE THE STUDY’S FINDINGS?

The study concluded that:

- **Combination 1**: A combination of RRT and LRT, with RRT from VCC-Clark to Arbutus, and LRT operating from Main Street-Science World to UBC. This alternative offers a mainly tunnelled route from VCC-Clark to UBC via Great Northern Way, Broadway, 10th Avenue, and University Blvd.

- **Combination 2**: A combination of RRT and LRT, with RRT from VCC-Clark to Arbutus, and LRT operating from Main Street-Science World to UBC. This alternative offers a largely surface route from VCC-Clark to Arbutus.

- **LRT 1**: LRT from Commercial Dr to UBC via Broadway, West 10th Ave, and University Blvd. This alternative involves a partially tunnelled route.