

North Shore Bikeways



North Shore Bike Routes

- The current North Vancouver Bicycle Master Plan shows a fairly dense grid of routes but does not inform users about which are good/poor or how to get anywhere using them.
- Most routes are not named and only a few are sign-posted or marked.
- Th NVBMP does not prioritize the routes, nor does it provide an implementation plan.
- We understand that North Vancouver City & District are working on an updated version of the Bike Masterplan.

2012 Bike Master Plan



What are Bikeways?

- Bikeways are longer routes connecting major destinations and can be made up of a mix of on-road cycle-lanes, MUPs, protected bike lanes and routes on residential streets.
- Bikeways are named, well marked and have extensive way-finding signage, which list major destinations & connections.
- They are becoming common in Vancouver, Burnaby and other parts of the Metro region.
 - ie. Central Valley Greenway, Sea-to-River, ...

Bikeways for the North Shore

- We propose to identify some key end-to-end routes/corridors. Basically Arterial bike routes.
- The Bikeways will be focused on transportation (ie getting to destinations) vs recreational.
- They will provide connects between key destinations on the North Shore:
 - Town Centres & Villages, Shopping, Hospital, Civic Centre's, Transport hubs, Libraries, Attractions,

Proposed Bikeway Corridors

- A= Attraction
- C= Civic
- H= Hospital
- R= Rec centre
- S= Shopping
- TC= Town Centre
- U= University
- V= Village

E-W Bikeways
N-S Bikeways



- ON-STREET BIKE ROUTE
- OFF-STREET BIKE ROUTE
- MUNICIPAL BOUNDARY
- FIRST NATIONS BOUNDARY

Possible East-West Bikeway Corridors

- **Lower level** - Horseshoe Bay to Deep Cove. A more direct version of Spirit Trail.
- **13th** - Marine & Keith to Grand Blvd
- **Hwy 1** - Horseshoe Bay to 2nd Narrows on or parallel to the Hwy 1
- **Middle level** - Edgemont to Lynn Valley
- **Dollarton** - 2nd Narrows to Deep Cove
- **Mt Seymour Pkwy** - Hwy1 to Deep Cove

Possible North-South Bikeway Corridors

- **West Van routes** - TBD
- **Capilano West** - Park Royal to Capilano Dam
- **Capilano East** - Spirit trail to Grouse Mountain
- **Mosquito** - Automall to Delbrook Rec centre
- **Central** - Quay to top of Lonsdale
- **Lynn Valley** - Spirit trail - Grand Blvd - LV TC - headwaters
- **Mountain** - Seylynn - Arbourlynn - LV TC - Top of Mtn Hwy
- **Mt Seymour** - Roche Pt - Parkgate - Mt Seymour Park

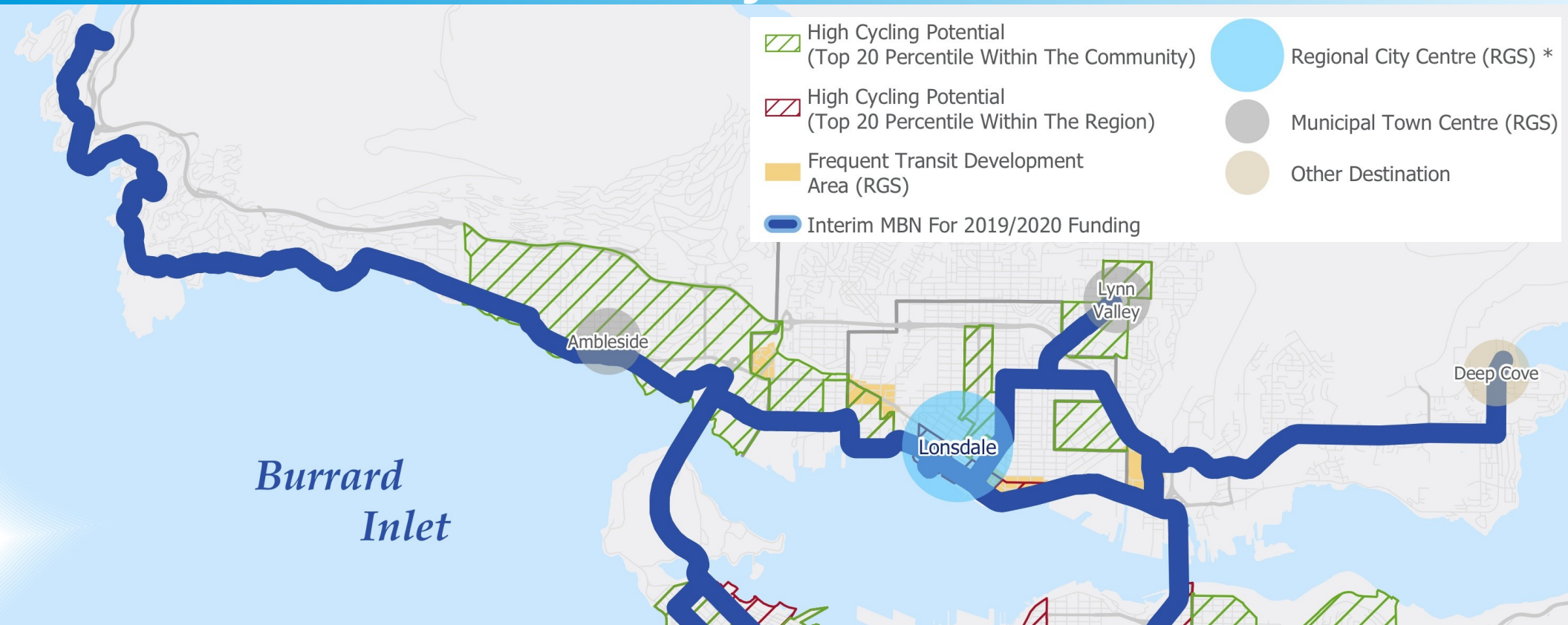
Bikeway Plan

- Identify & prioritize key North Shore Bikeway corridors.
- Work with Municipalities & Translink to focus on these for signage, completion and upgrades.
- Signage & Route visibility is key
 - Signage will not only assist cyclists, but will also raise awareness of cycling as a transportation option for non-cyclists.
- For each bikeway prepare a list of prioritized gaps / improvements.

Translink's Major Bike Network

- Translink has released the initial MBN plan. It is focused on connecting Key Destinations across the Metro Vancouver Region.
- Translink will provide up to 75% of the cost for AAA separated bike infrastructure for the MBN over the next 10 years. (ie sharrows will not be funded)
- MBN is Transportation (not recreation) focused.
- The Marine Drive corridor from Horseshoe Bay to 2nd Narrows is currently the only North Shore segment, but Translink intends to expand it in the near future.

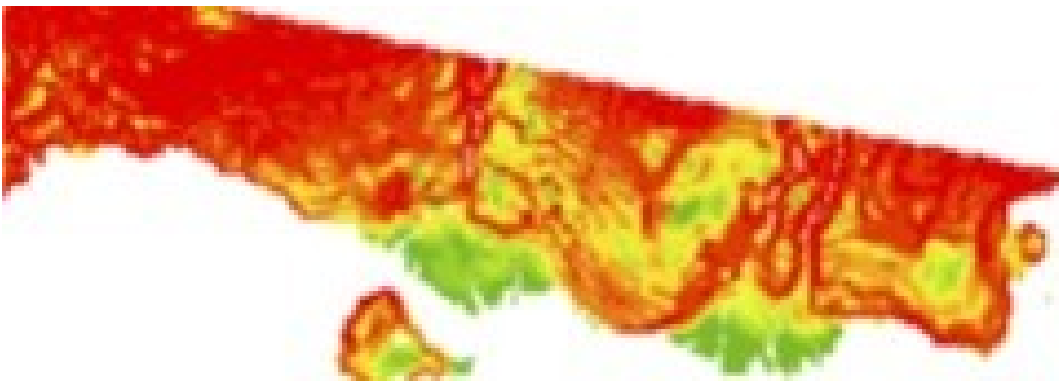
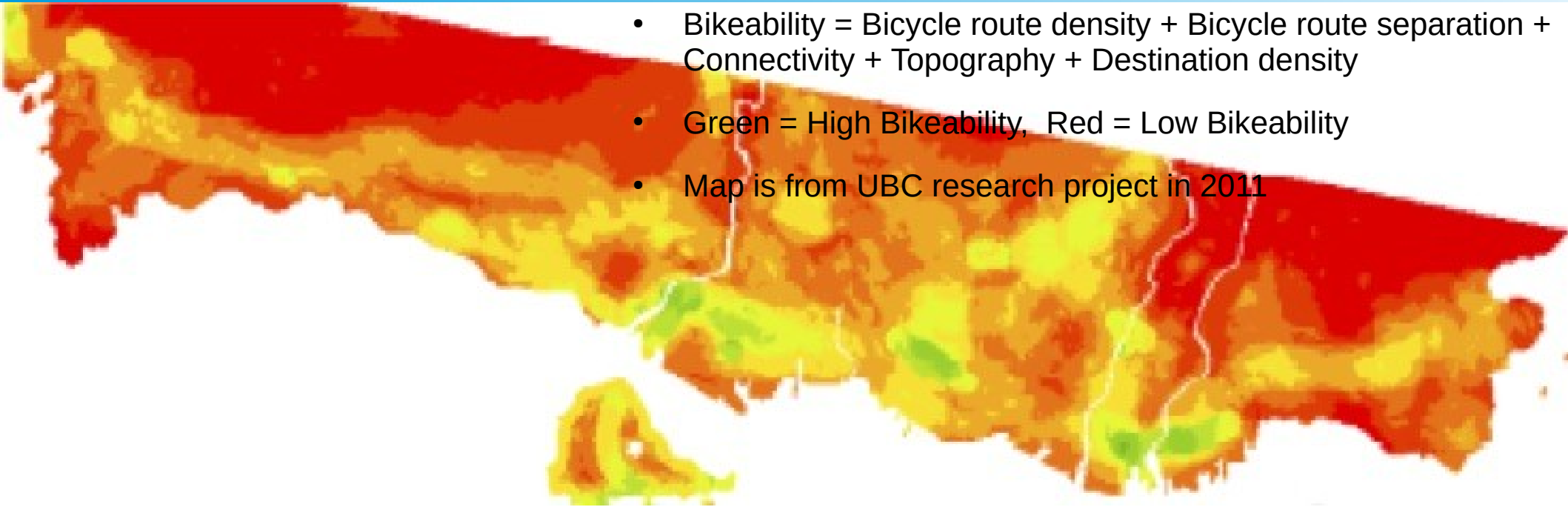
Translink's Major Bike Network



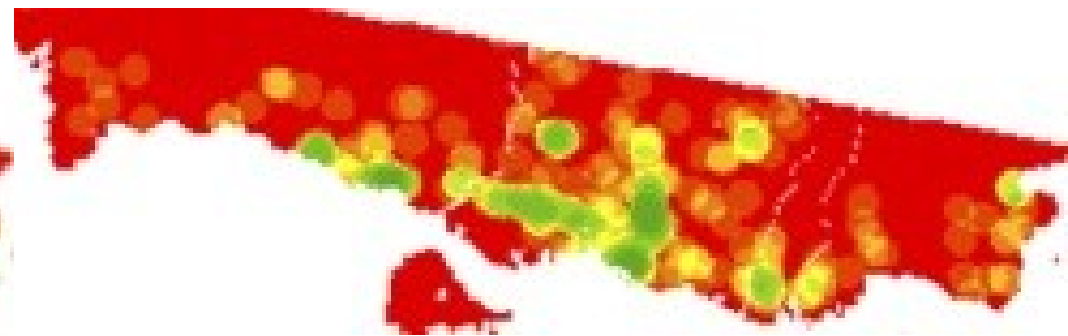
- Interim MBN is conceptual and lines are meant to represent desire lines or corridors that connect regionally-significant destinations in a direct way.
- Additionally eligible: Projects that provide a direct connection between two Urban Centres or FTDA's, or address connections to bridges.

NORTH SHORE BIKEABILITY

- Bikeability = Bicycle route density + Bicycle route separation + Connectivity + Topography + Destination density
- Green = High Bikeability, Red = Low Bikeability
- Map is from UBC research project in 2011



• North Shore Topography



• North Shore Destination Density