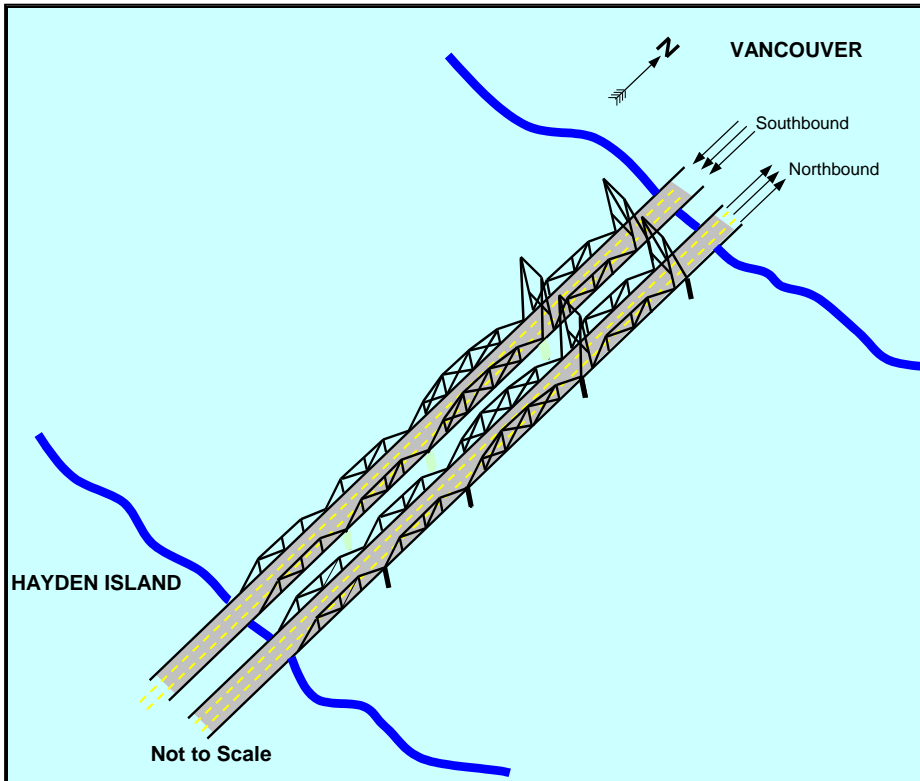
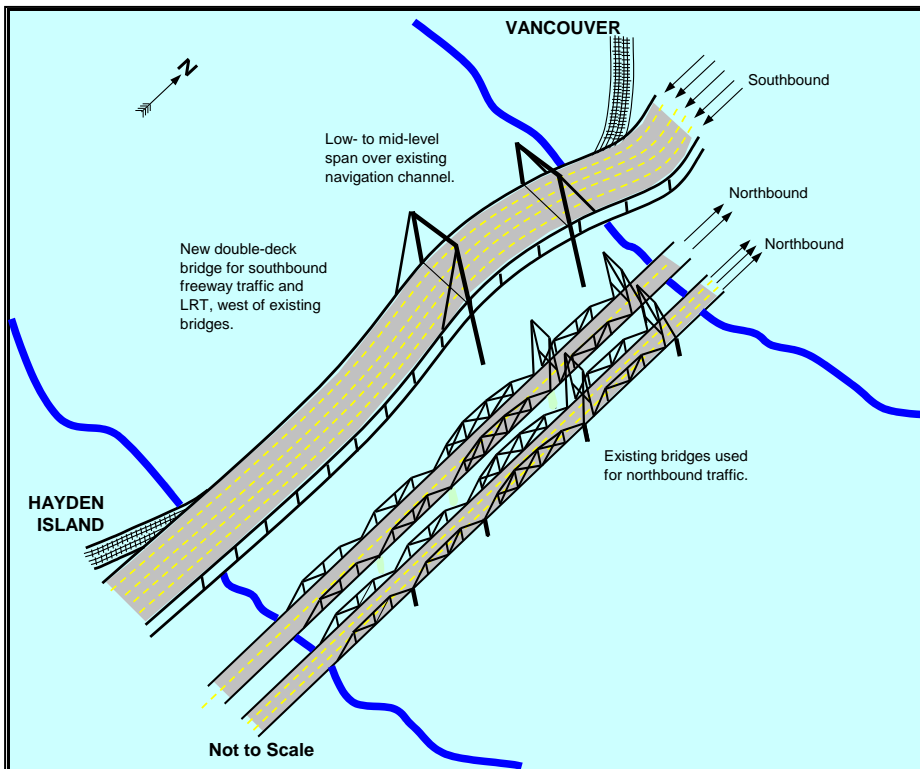


River Crossing Options



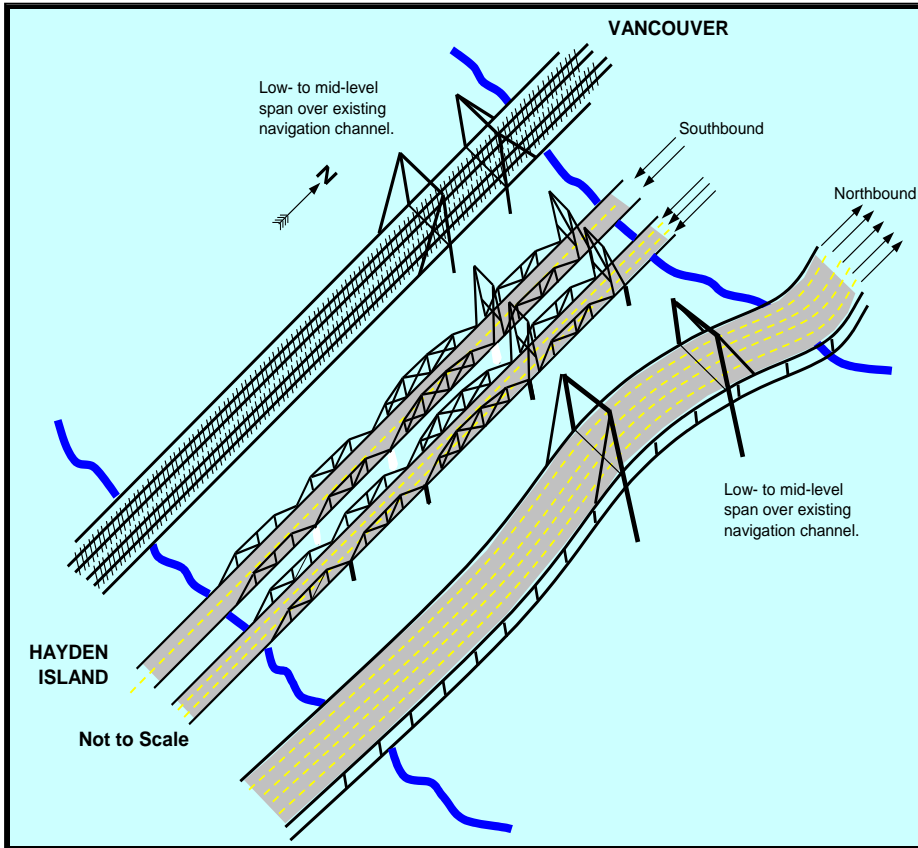
Existing configuration:

Two three-lane, low-level lift span bridges



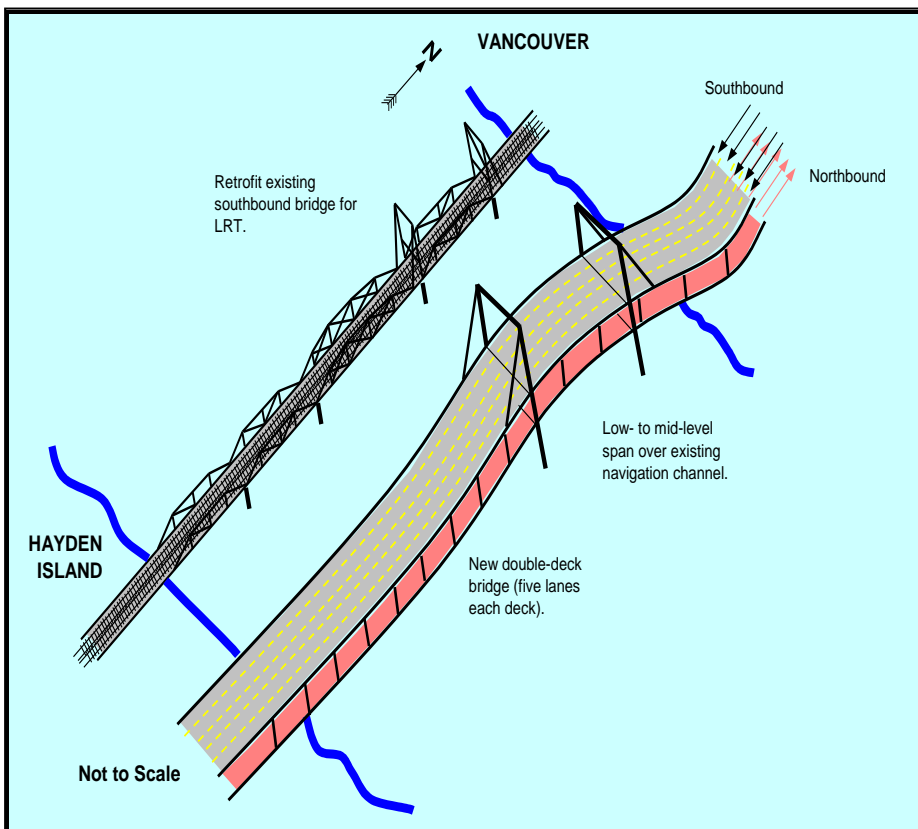
Concept 1: Five-lane supplemental bridge w/LRT, west of existing bridges

1. Southbound traffic on new five-lane bridge, LRT on lower deck
2. Low- to mid-level bridge, with lift span over existing navigation channel
3. Northbound traffic would be split between the two existing bridges



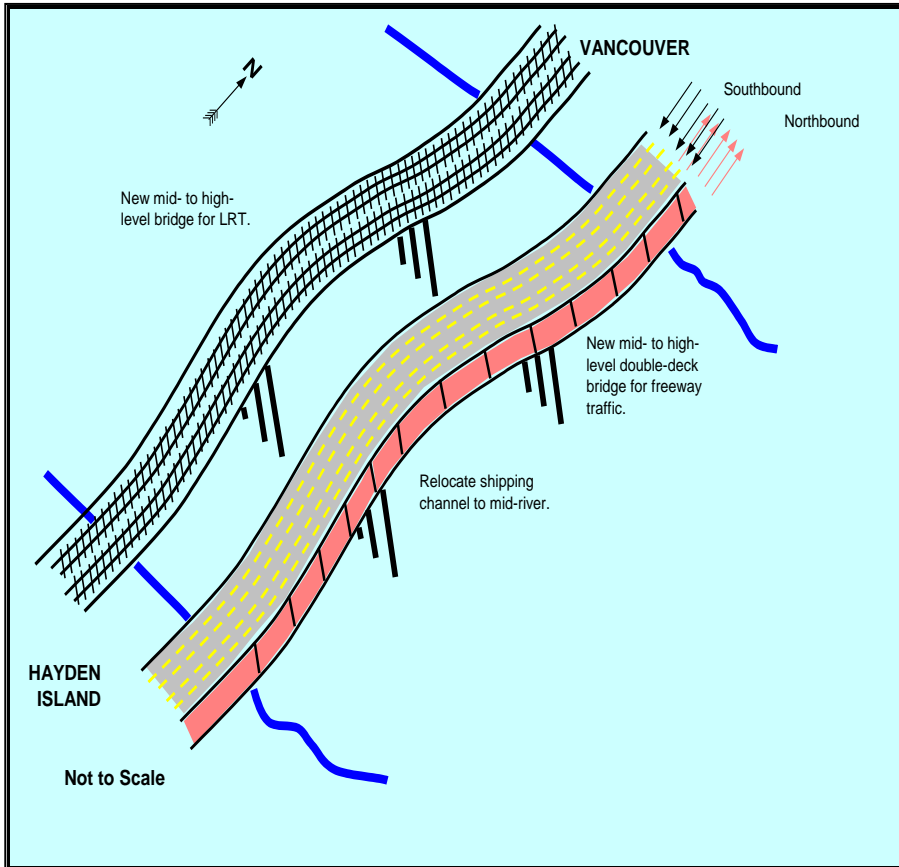
Concept 2:
Five-lane supplemental bridge east of existing bridges, separate LRT bridge to the west

1. Northbound traffic on new five-lane bridge
2. LRT on new "stand-alone" bridge
3. Low- to mid-level bridges, with lift spans over existing navigation channel
4. Southbound traffic would be split between the two existing bridges, providing five to six lanes



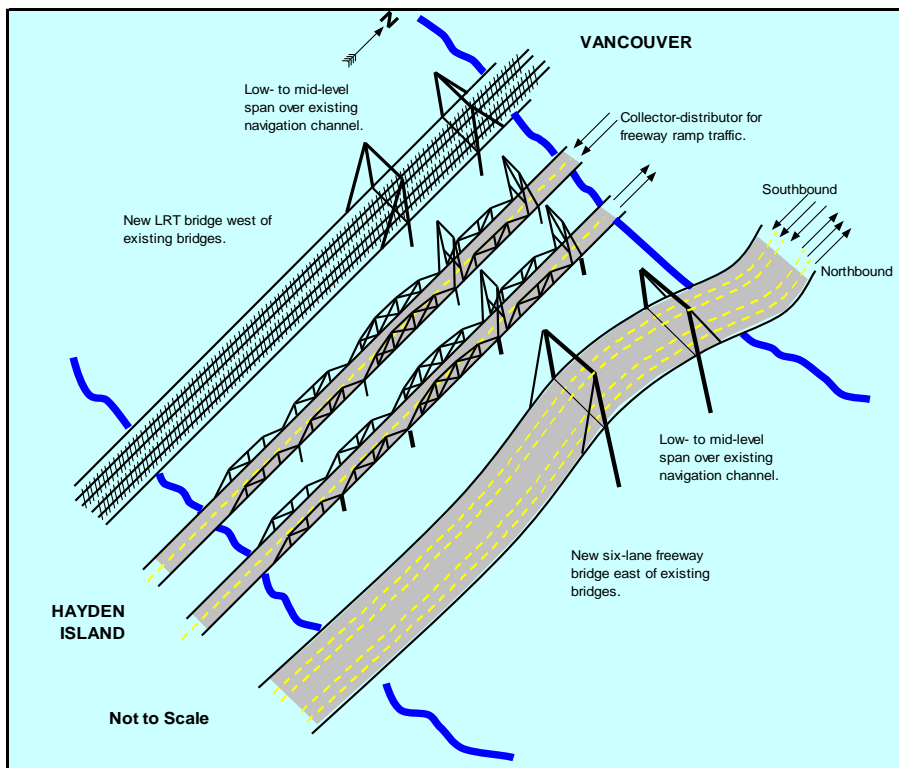
Concept 3:
Ten lanes on double-deck five-lane bridge, with LRT retrofitted on existing bridge

1. Low- to mid-level bridge with lift span over existing navigation channel
2. Requires retrofitting existing bridge for LRT (feasibility may be questionable)



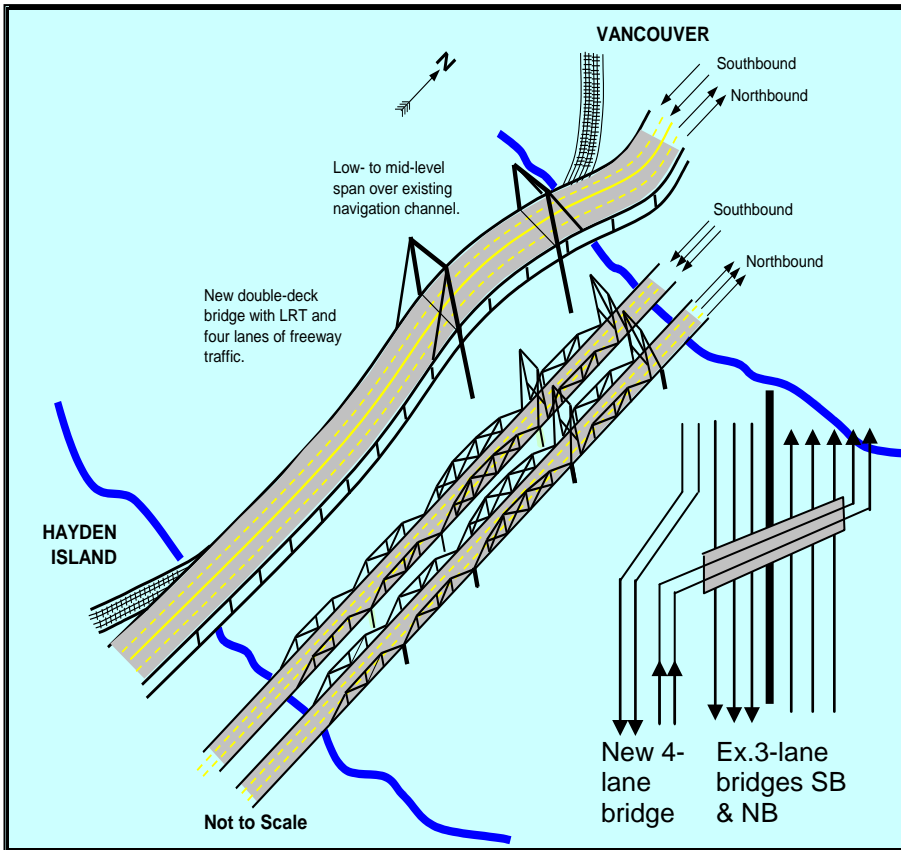
**Concept 4:
Ten lanes on
double-deck bridge,
with LRT on
separate new bridge**

1. Mid- to high-level bridges. Navigation channel relocated to center of river
2. Potential fixed spans for highway and LRT (with Coast Guard reduction of existing lift requirements), or lift spans



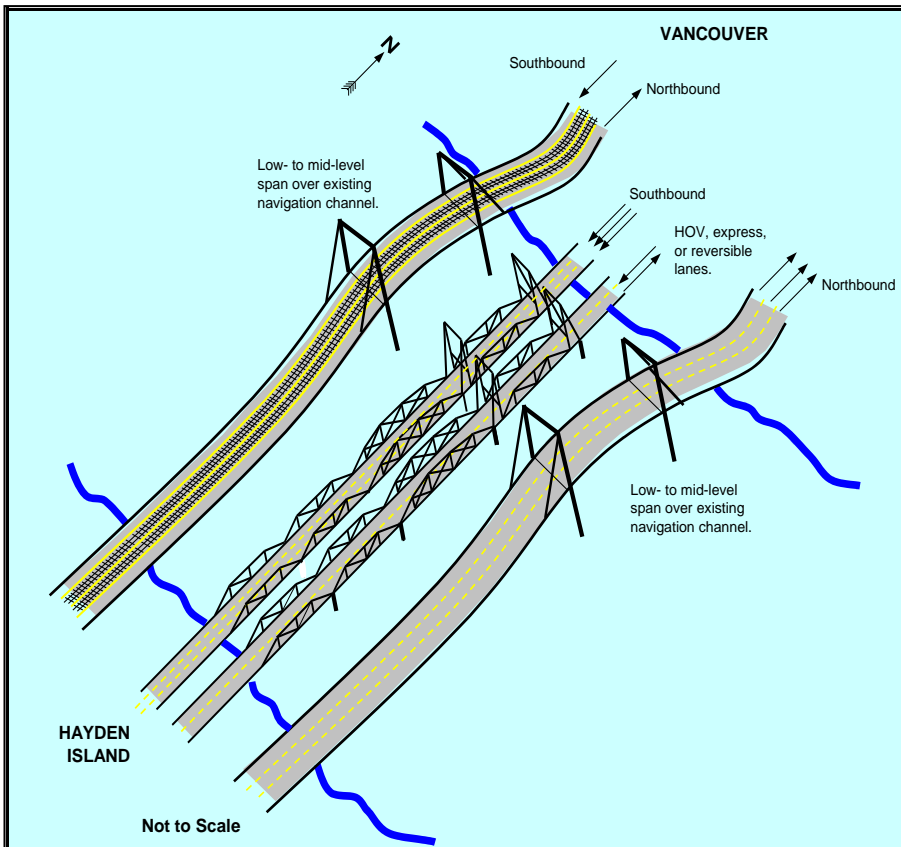
**Concept 5:
New six-lane
supplemental bridge,
use existing bridges for
collector-distributor,
new LRT bridge**

1. Through traffic on new six-lane bridge
2. Existing bridges used for collector-distributor (moving freeway access away from through traffic)
3. LRT on new bridge
4. Low- to mid-level bridges, with lift span over existing navigation channel



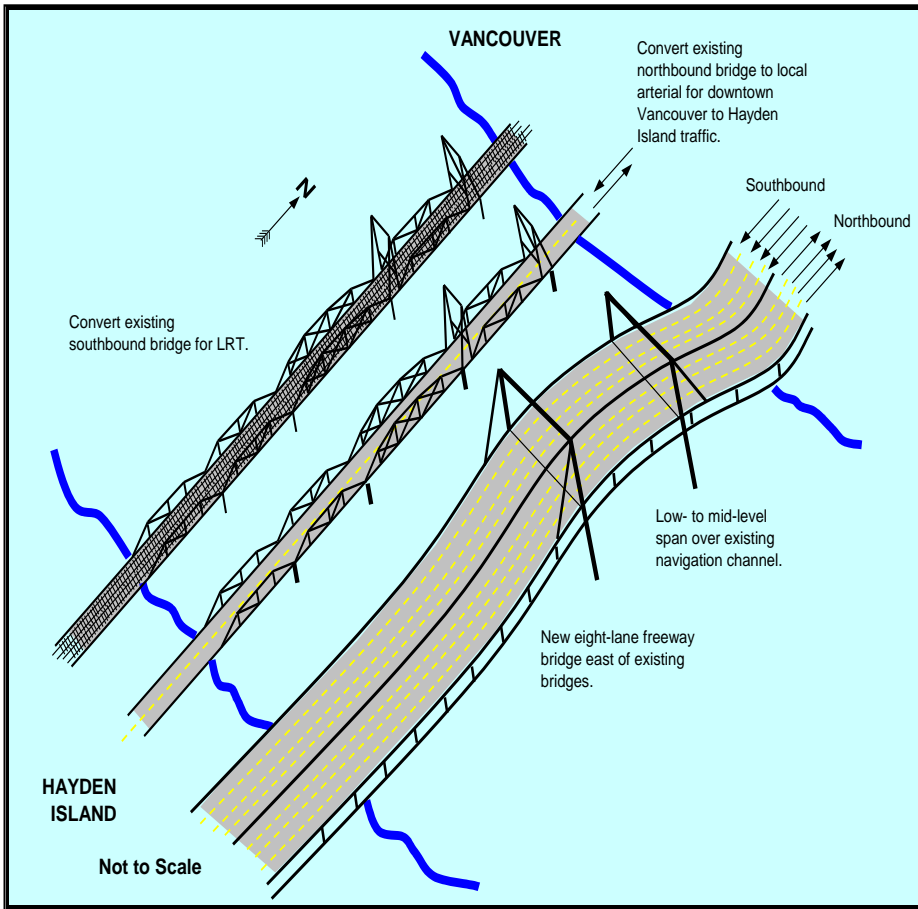
**Concept 6:
Four-lane supplemental
bridge w/LRT, west of
existing bridges**

1. Provides for new four-lane bridge with LRT
2. Low- to mid-level bridge with lift span over current navigation channel
3. Use four-lane bridge as collector-distributor (i.e., ramp access for Hayden Island, etc.). Requires fly-over ramps north and south, as shown in the schematic on the left



**Concept 7:
LRT bridge with two-
lane arterial, plus
new three-lane
supplemental bridge
for freeway traffic**

1. Provides for new four-lane bridge with LRT
2. Low- to mid-level bridges with lift spans over current navigation channel
3. Two lanes on existing northbound bridge could be used for HOV, express lanes, or (potentially) reversible lanes



**Concept 8:
Eight-lane supplemental bridge east of existing bridges, LRT retrofit and two-lane arterial**

1. Through traffic on new eight-lane bridge
2. Existing northbound bridge converted to local arterial between Hayden Island and downtown Vancouver
3. LRT on retrofitted southbound bridge
4. Low- to mid-level bridge, with lift span over existing navigation channel

