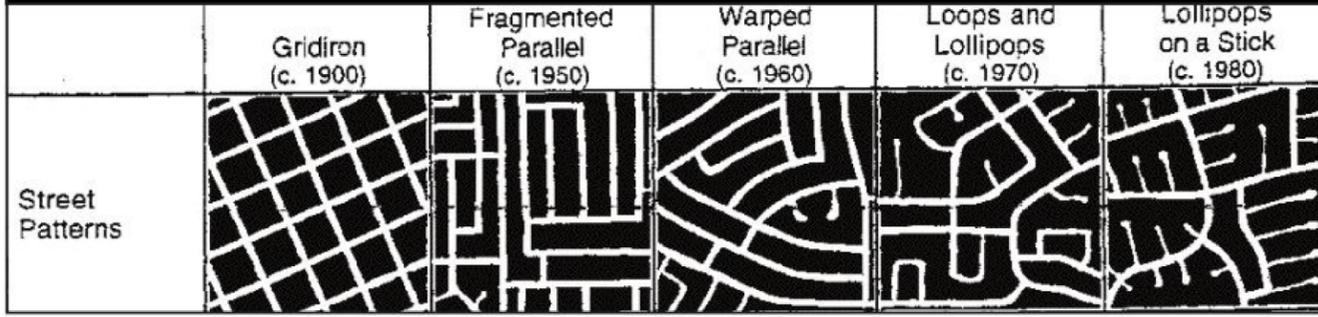


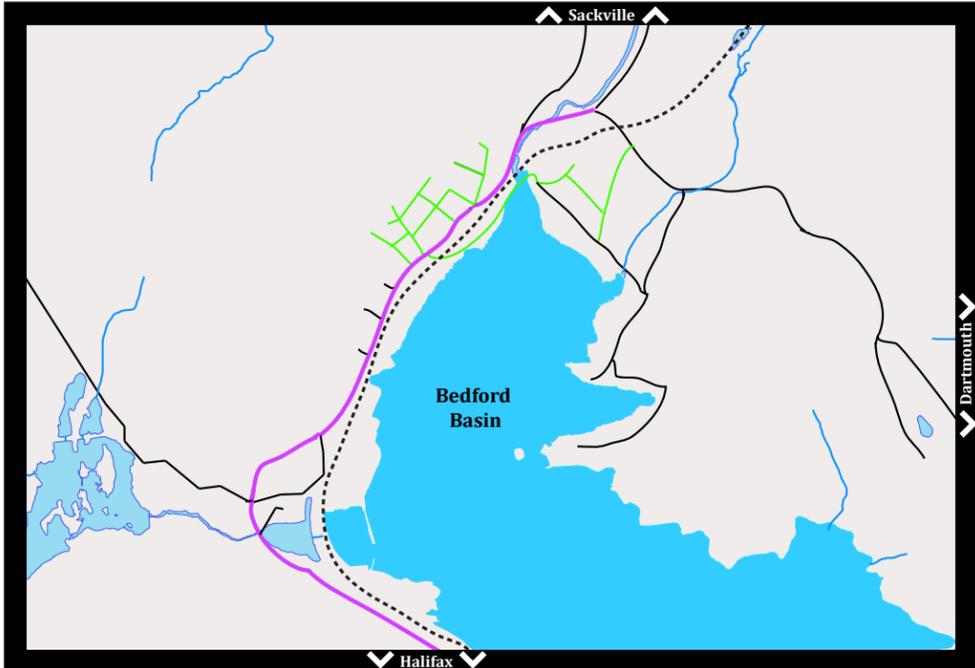
Examining Changing Street Patterns in Bedford, 1940s to 2010

The evolving street patterns of suburban development between 1900 and 1980
Increasing discontinuity and reduced connectivity and increasing adaptation to the car.



Changes in Bedford street patterns from the 1940s to 2010 occurred through the desire for a commuter suburb that has efficiently balanced requirements for land-use, neighbourhood liveability and efficient connection to surrounding urban areas, increasingly to accommodate the widespread use of the private automobile.

Source: CMHC, 2010. *Learning from suburbia: Residential Street Pattern Design.*



Bedford Street Patterns: 1945

- Ocean
- Lakes
- Streams
- Railway Track
- Roads
- Bedford Highway (Arterial Road)
- Fragmented Parallel

0 0.15 0.3 0.6 0.9 1.2 km



Sources: Halifax Regional Municipality, 2010
Department of Natural Resources, 1945

-By 1945, the majority of Bedford Basin coastline was developed. Bedford Highway is an arterial road in area, and by the 1940s had a number of small offshoot streets displaying traditional "Fragmented Parallel" street pattern. This pattern is characterised by long streets but with limited access.



Bedford Street Patterns: 1957

- Ocean
- Lakes
- Streams
- Railway Track
- Roads
- Bedford Highway (Arterial Road)
- Fragmented Parallel
- Warped Parallel

0 0.15 0.3 0.6 0.9 1.2 km



Sources: Halifax Regional Municipality, 2010
Graphic Publishers, 1957

By 1957, the area saw continued development along Bedford Highway away from coastline.
-Appearance of "Warped Parallel" street pattern in the area, characterised by a reduction in intersections, street lengths, blocks and access points.



Bedford Street Patterns: 1970

- Ocean
- Lakes
- Streams
- Railway Track
- Roads
- Bedford Highway (Arterial Road)
- Fragmented Parallel
- Warped Parallel
- Bicentennial Highway

0 0.15 0.3 0.6 0.9 1.2 km



Sources: Halifax Regional Municipality, 2010
Arrow Map, 1970

-The Bicentennial Highway opened in 1958 through widespread adoption of the private automobile. The Highway was required to address growing problems of congestion in the area.
-The Highway additionally created a barrier that prevented further streets sprawl and contained growing residential suburb around the basin.



Bedford Street Patterns: 2010

- Ocean
- Lakes
- Streams
- Railway Track
- Roads
- Bedford Highway (Arterial Road)
- Fragmented Parallel
- Warped Parallel
- Bicentennial Highway
- Lollipops on a stick

0 0.15 0.3 0.6 0.9 1.2 km



Sources: Halifax Regional Municipality, 2010

-Explosion of residential development in area with strong emergence of "lollipops on a stick" street pattern.
-Main focus on private automobile, excluding traffic at the local street level, and permitting good flow at the collector and arterial levels.
-Suburban sprawl still contained by Bicentennial Highway.