Feasibility Plan: Stonehenge Dr (Southcote - Stone Church)

**Project Details**

<table>
<thead>
<tr>
<th>Project Boundary:</th>
<th>Southcote Rd to Stone Church Rd</th>
<th>Funding Source:</th>
<th>On-street Cycling 2021</th>
</tr>
</thead>
<tbody>
<tr>
<td>Phase:</td>
<td>Design (2021 Install)</td>
<td>Project Length:</td>
<td>2.5 km</td>
</tr>
<tr>
<td></td>
<td>Ward</td>
<td>Ward</td>
<td>12</td>
</tr>
</tbody>
</table>

**Key Map**

![Map of Stonehenge Dr (Southcote - Stone Church)](image)

**Description**

Add buffered bicycle lanes on Stonehenge Dr by removing all sparsely used on-street parking. Include flexposts with the buffered bicycle lanes at major intersections. Two short segments of well used on-street parking are to be preserved. Enhance the Stone Church Rd intersection with an eastbound bike box.

**Precedent Images and Visualizations**

Fall Fair Way, Binbrook
Bicycle lanes approaching a roundabout
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### Potential Impacts

<table>
<thead>
<tr>
<th>HSR Route/Area</th>
<th>Impacts</th>
</tr>
</thead>
<tbody>
<tr>
<td>No current routes</td>
<td>HSR have plans to add service on Stonehenge (west of Raymond) in 2-3 years</td>
</tr>
</tbody>
</table>

### Parking Review

Removal of all permitted on-street parking except at two locations:
1) Meadowlands to Raymond - observed peak parking is approx. 8 vehicles mostly on the south side; 10+ stalls preserved.
2) East of Cloverleaf - observed peak parking is approx. 4 vehicles mostly on the north side; 9 stalls preserved.
On-street parking observed on all other segments combined totals 10 vehicles during peak usage.

### Rationale

These bicycle lanes will allow east-west connection across the Meadowlands neighbourhood, providing safer cycling mobility to schools, recreation, businesses and planned cycling facilities on Southcote, Kitty Murray, Golf Links, Garner and existing on Stone Church Rd.

According to the cycling facilities nomograph (OTM Book 18) and the complete streets audit tool, this collector street should have a designated cycling operating space, which will be marked with painted buffers and flexposts at major intersections.

### Cycling Facilities Nomograph Alignment (OTM Book 18)

<table>
<thead>
<tr>
<th>Stonehenge Rd ADT</th>
</tr>
</thead>
<tbody>
<tr>
<td>East of Kitty Murray: 8,650 (2018)</td>
</tr>
<tr>
<td>West of Raymond: 9,175 (2018)</td>
</tr>
<tr>
<td>East of Raymond: 13,700 (2018)</td>
</tr>
<tr>
<td>West of Stone Church: 10,900 (2018)</td>
</tr>
</tbody>
</table>
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**Strategic Alignment**

**Capital Plan**
There are no plans for any capital works along this segment within the next 5 years.

**Transportation Master Plan**
Action 15 - As part of the implementation of the cycling network, undertake an evaluation of alternatives in order to select routes which maximize safety for cyclists and promote continuity of the network across the City.

**Sustainable Mobility KPI’s and Cycling Master Plan**
Increase kilometers of cycling infrastructure
Facilitate Pandemic Response through active transportation

**Detailed Maps**
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Detailed Maps

Cross Section Details

Add buffered bicycle lanes
Cross Section Details

Meadowlands to Raymond

Add buffered bicycle lanes, with on-street parking

Raymond to Cloverleaf

Add buffered bicycle lanes

Project Contacts

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