

**Draft 2022 Conventional Service Plan Changes
Detailed Analysis**

Route 2

Proposed Service Changes: Weekday – Increase Round Trip Time from 120 minutes to 135 minutes between 4pm and 6pm

Issue /Rationale: Route 2 is currently experiencing schedule adherence issues during the weekday PM Peak period. To improve the reliability on the route it is proposed that the round trip time would increase to 135 minutes, noting the current frequency would be maintained.

Recommended Service Change	Annual Service Hour Impact	Service Hour Impact (2022)	PM Peak Bus Requirements
Weekday – Increase Round Trip Time from 120 minutes to 135 minutes between 4pm and 6pm	504	168	1

Route 16

Proposed Service Changes: Weekday – Increase round trip time from 80 minutes to 90 minutes and increase frequency from 17 minutes to 15 minutes between 9 am and 2 pm

Issue/Rationale: Route 16 is currently experiencing schedule adherence issues between 9 am and 2 pm as a result of decreased round trip time. The addition of 10 minutes to the round trip time will allow for a more reliable service and in turn increases the frequency slightly from 17 minutes to 15 minutes.

Recommended Service Change	Annual Service Hour Impact	Service Hour Impact (2022)	PM Peak Bus Requirements
Weekday – Increase round trip time from 80 minutes to 90 minutes and Increase frequency from 17 minutes to 15 minutes between 9pm and 2pm	1,260	420	0

Route 20

Proposed Service Changes: Weekday – Increase frequency from 20 minutes to 15 minutes between 9am and 2pm.

Issue/Rationale: Weekday mid-day frequencies are proposed to increase from 20 minutes to 15 minutes. This adjustment is based on a demand based growth ridership and crowding during these periods. This change in frequency is designed to alleviate crowding and provide better service to a growing ridership area.

Recommended Service Change	Annual Service Hour Impact	Service Hour Impact (2022)	PM Peak Bus Requirements
Weekday- Increase frequency from 20 minutes to 15 minutes between 9am and 2pm	2,880	960	0

Route 24

Proposed Service Changes:

- Weekday – Increase frequency from 40 minutes to 30 minutes between 6 am and 9 pm
- Saturday – Introduce service between 6 am and 10 am on a 40-minute frequency
- Saturday – Introduce service between 5 pm and 9 pm on a 40-minute frequency

Issue/Rationale: In addition to the goal to eliminate 60 minute frequencies across the system to no more than 30 minutes as part of the five-year service plan, reducing all frequencies to no more than 30 minutes is recommended to grow ridership.

Currently, Saturday hours of service on Route 24 are very limited with the route only operating between 10 am and 5 pm. With the route serving Victoria Hospital and having a large commuter ridership, it is proposed to extend the hours of service on Saturday to match that on Monday to Friday.

Recommended Service Change	Annual Service Hour Impact	Service Hour Impact (2022)	PM Peak Bus Requirements
Weekday- Increase frequency from 40 minutes to 30 minutes between 6 am and 9 pm	3,780	351	1
Saturday- Introduce service between 6 am and 10 am on a 40 minute frequency	416	68	
Saturday- Introduce service between 5 pm and 9 pm on a 40 minute frequency	416	68	

Route 25

Proposed Service Changes:

- Weekday – Increase frequency from 30 minutes to 20 minutes between 7am and 9am
- Weekday – Increase frequency from 30 minutes to 20 minutes between 9am and 12pm
- Weekday – Increase frequency from 30 minutes to 20 minutes between 12pm and 2pm
- Weekday – Increase frequency from 30 minutes to 20 minutes between 6pm and 9pm

Issue/Rationale: Frequencies on Route 25 are proposed to be increased during most time periods. The proposed increases are based on rapid ridership growth on the route.

Recommended Service Change	Annual Service Hour Impact	Service Hour Impact (2022)	PM Peak Bus Requirements
Weekday – Increase frequency from 30 minutes to 20 minutes between 7am and 9am	504	168	0
Weekday – Increase frequency from 30 minutes to 20 minutes between 9am and 12pm	756	252	1
Weekday – Increase frequency from 30 minutes to 20 minutes between 12pm and 2pm	504	168	1
Weekday – Increase frequency from 30 minutes to 20 minutes between 6pm and 9pm	756	252	0

Route 36

Proposed Service Changes:

Introduce an A and B Routing with Route 36A serving the Airport and the current Industrial area south of Oxford and Route 36B serving the airport and the Industrial area north of Oxford along Huron and Robin's Hill Road (see figure I)

Weekday – Increase frequency from 30 minutes to 15 minutes between 6am and 6 pm (15 minutes along the common corridor and to the airport, 30 minutes on the branches)

Weekday – Extend service to 7:30 pm on a 15-minute frequency

Issue/Rationale: In 2020, frequency improvements to 15 minutes were approved for Route 36 as a result of crowding conditions during the AM and PM peak periods to the Airport for the Fanshawe Aviation Program. Upon further review and increased requests for transit service to the Industrial area north of Oxford Street along Huron and Robins Hill Road, it was determined the best way to serve all areas, while matching service with demand is to implement an A and B routing on Route 36. This option will provide the 15 minute frequency required to serve the airport (both the A and B branch will operate to the airport) and expand service into a growing Industrial area that is currently not served. Extending the hours of service to 7:30 pm will also better serve the shift times along the route and accommodate later class times

Recommended Service Change	Annual Service Hour Impact	Service Hour Impact (2022)	PM Peak Bus Requirements
Introduce an A & B routing	3,024	1,404	1
Weekday – Increase frequency from 30 minutes to 15 minutes between 6 am and 6 pm			
Weekday – Extend service to 730pm on a 15 minute frequency	756	351	0

Route 93

Proposed Service Changes:

Saturday- Increase frequency from 36 minutes to 25 minutes between 8 am and 10 am

Saturday- Increase frequency from 38 minutes to 25 minutes between 5 pm and 9 pm

Saturday- Increase frequency from 36 minutes to 25 minutes between 9 pm and 12 am

Issue/Rationale: Ridership continues to increase on Route 93 on weekends and as such, an increase in frequency is warranted to reduce crowding conditions that are currently being experienced.

Recommended Service Change	Annual Service Hour Impact	Service Hour Impact (2022)	PM Peak Bus Requirements
Saturday- Increase frequency from 36 minutes to 25 minutes between 8 am and 10 am	104	34	0
Saturday- Increase frequency from 38 minutes to 25 minutes between 5 pm and 9 pm	208	68	0
Saturday- Increase frequency from 36 minutes to 25 minutes between 9 pm and 12 am	156	51	0

Route 94

Proposed Service Changes:

Weekday – Introduce 20 minute frequency between 9 am and 2 pm

Weekday- Increase frequency from 26 minutes to 20 minutes between 6 am and 9 am

Weekday- Increase frequency from 23 minutes to 15 minutes between 2 pm and 6 pm

Issue/Rationale: Frequency improvements to Route 94 were originally proposed in the 2020-2024 Five-year Service Plan Framework for implementation in 2021. Due to the deferral of the 2020 service plan improvements as well as current transit realities at the time of developing the 2021 service plan, frequency improvements for Route 94 were deferred for consideration as part of future service plan reviews.

Route 2 is currently experiencing crowding conditions during the weekday peak and base periods. Implementing base period service as well as increasing the current peak period service on Route 94 is anticipated to help alleviate some of the current crowding conditions. Additionally, improving Express Route service builds on the Guiding Principle set out in the Five-Year Plan to enhance Express Service whenever possible.

Recommended Service Change	Annual Service Hour Impact	Service Hour Impact (2022)	PM Peak Bus Requirements
Weekday – Introduce 20-minute frequency between 9 am and 2 pm	6,500	3,017	2
Weekday- Increase frequency from 26 minutes to 20 minutes between 6 am and 9 am			
Weekday- Increase frequency from 23 minutes to 15 minutes between 2 pm and 6 pm			

Route 102

Proposed Service Changes:

Weekday- Increase frequency from 20 minutes to 15 minutes between 6 pm and 9 pm

Weekday- Increase frequency from 35 minutes to 20 minutes between 9 pm and 12 am

Issue/Rationale: Ridership continues to increase on Route 102, especially during the early and late evening hours as frequency on other routes decreases. An increase in frequency is warranted to reduce crowding conditions that are currently being experienced during these periods

Recommended Service Change	Annual Service Hour Impact	Service Hour Impact (2022)	PM Peak Bus Requirements
Weekday- Increase frequency from 20 minutes to 15 minutes between 6 pm and 9 pm	756	354	
Weekday- Increase frequency from 35 minutes to 20 minutes between 9 pm and 12 am	756	354	

Figure I

Route 36 Proposed Routing Modifications

