

Geographic Expansion and Route Modification Recommendations

City Council Study Session (1/13/2020)

Fixed Route Geographic Expansion and Route Modification Recommendations

The service planning team developed 28 fixed route service changes for RPT implementation in July 2020. The recommended service changes are summarized in Table 1 and can be seen here:

<https://platform.remix.com/map/77afa38?latlng=44.02409,-92.47858,11>.

1. Route 101

Route 101 is a replacement to the current Routes 1, 1N, and 21. The route will operate further north to serve the Viking Hills neighborhood and the Public Works Transit Operations Center. Routes 101 and 103 will both serve the North Broadway corridor, and their schedules will be staggered to create high frequency service along North Broadway. Route 101 will operate on weekdays at a 30-minute frequency from 5:00 a.m. to 9:00 a.m. and 3:00 p.m. to 7:00 p.m. and at a 60-minute frequency from 9:00 a.m. to 3:00 p.m. and 7:00 p.m. to 10:30 p.m. Route 101 will operate at a 60-minute frequency on weekends and holidays from 7:00 a.m. to 7:00 p.m.

2. Route 102

Route 102 is a replacement to the current Route 2. Route 102 will directly serve the Rochester Recreation Center/125 Live. Route 102 will operate on weekdays at a 30-minute frequency from 5:00 a.m. to 9:00 a.m. and 3:00 p.m. to 7:00 p.m. and at a 60-minute frequency from 9:00 a.m. to 3:00 p.m. There will be no service on weekends and holidays, consistent with the existing service schedule.

3. Route 103

Route 103 is a new route that is a replacement to the current Route 1 on Northern Hills Drive NE and Northern Heights Drive NE. The route will then continue to the east to serve the Century Hills neighborhood. Routes 101 and 103 will both serve the North Broadway corridor and their schedules will be staggered to create high frequency service along North Broadway. Route 103 will operate on weekdays at a 30-minute frequency from 5:00 a.m. to 9:00 a.m. and 3:00 p.m. to 7:00 p.m. and at a 60-minute frequency from 9:00 a.m. to 3:00 p.m.

4. Route 116

Route 116 is a replacement to the current Route 16. The route is very similar to the current Route 16; however, the route will operate on Center Street rather than 4th Street between 11th Avenue and downtown. Route 116 will operate on weekdays at a 30-minute frequency from 5:00 a.m. to 9:00 a.m. and 3:00 p.m. to 7:00 p.m. and at a 60-minute frequency from 9:00 a.m. to 3:00 p.m. and 7:00 p.m. to 10:30 p.m. Route 116 will operate at a 60-minute frequency on weekends and holidays from 7:00 a.m. to 7:00 p.m.

5. Route 150X

Route 150X is a replacement to the current Route 1 Direct. Service on this route will operate between the Chateau Theater Park & Ride and downtown Rochester, serving both the Mayo Clinic and the St. Mary's campus. Service operates into downtown Rochester in the morning and away from downtown Rochester in the afternoon. The route will operate on weekdays at a 15-minute frequency from 5:30 a.m. to 8:30 a.m. and 3:00 p.m. to 6:00 p.m. There will be no service on weekends and holidays, consistent with the existing service schedule.

6. Route 203

Route 203 is a replacement to the current Route 3. The route will operate on weekdays at a 30-minute frequency from 5:00 a.m. to 7:00 p.m. There will be no service on weekends and holidays, consistent with the existing service schedule.

7. Route 204

Route 204 is a replacement to the current Route 4 family of routes (4A, 4B, and 4M) as well as Route 3N and Route 22. The route most closely resembles the current Route 4 Midday (Route 4M), with the addition of serving Rochester Community and Technical College (RCTC). Route 204 will operate on weekdays at a 30-minute frequency from 5:00 a.m. to 9:00 a.m. and 3:00 p.m. to 7:00 p.m. and at a 60-minute frequency from 9:00 a.m. to 3:00 p.m. and 7:00 p.m. to 10:30 p.m. Route 204 will operate at a 60-minute frequency on weekends and holidays from 7:00 a.m. to 7:00 p.m.

8. Route 205

Route 205 is a replacement to the current Route 5. The only change to the route is that the Pinewood Road loop will be modified to increase service coverage. Route 205 will operate on weekdays at a 30-minute frequency from 5:30 a.m. to 8:30 a.m. and 2:30 p.m. to 7:00 p.m. and at a 60-minute frequency from 8:30 a.m. to 2:30 p.m. There will be no service on weekends and holidays, consistent with the existing service schedule.

9. Route 206

Route 206 is one of the routes that is a replacement to the current Route 24 and the Route 6 family of routes (6A, 6B, and 6M) and focuses on the east side of Broadway South. Routes 206 and 306 combine to provide high frequency service along the Broadway South corridor. Route 206 will operate on weekdays at a 30-minute frequency from 5:00 a.m. to 9:00 a.m. and 3:00 p.m. to 7:00 p.m. and at a 60-minute frequency from 9:00 a.m. to 3:00 p.m. and 7:00 p.m. to 10:30 p.m. Route 206 will operate at a 60-minute frequency on weekends and holidays from 7:00 a.m. to 7:00 p.m.

10. Route 217

Route 217 is a replacement for the current Route 17, but the route will no longer serve the Cub Foods Park & Ride, which will be served by Routes 204 and 250X. Route 217 will operate on weekdays at a 30-minute frequency from 5:00 a.m. to 8:00 a.m. and 4:00 p.m. to 7:00 p.m. There will be no service on weekends and holidays, consistent with the existing service schedule.

11. Route 250X

Route 250X is a replacement to the current Route 4 Direct. Service operates into downtown Rochester in the morning and away from downtown Rochester in the afternoon. Route 250X will operate on weekdays at a 30-minute frequency from 5:30 a.m. to 8:00 a.m. and 3:00 p.m. to 6:00 p.m. There will be no service on weekends and holidays, consistent with the existing service schedule.

12. Route 260X

Route 260X is a replacement to the current Route 15 Direct. This service connects the Target Park & Ride to downtown Rochester, serving both the Mayo Clinic and the St. Mary's campus. Route 260X will operate on weekdays at a 20-minute frequency from 5:30 a.m. to 8:30 a.m. and 3:00 p.m. to 6:00 p.m. There will be no service on weekends and holidays, consistent with the existing service schedule.

13. Route 306

Route 306 is one of the routes that is a replacement to the current Route 6 family of routes (6A, 6B, and 6M) and focuses on the west side of Broadway South. Routes 206 and 306 combine to provide high frequency service along the Broadway South corridor. Route 306 will operate on weekdays only at a 30-minute frequency from 5:00 a.m. to 9:00 a.m. and 3:00 p.m. to 7:00 p.m. and at a 60-minute frequency from 9:00 a.m. to 3:00 p.m.

14. Route 307

Route 307 is a replacement to the current Routes 7, 7A, and 7N and extends service to the Baihly Woodlands and Baihly Meadows neighborhoods. Route 307 will operate on weekdays at a 30-minute frequency from 5:00 a.m. to 9:00 a.m. and 3:00 p.m. to 7:00 p.m. and at a 60-minute frequency from 9:00 a.m. to 3:00 p.m. and 7:00 p.m. to 10:30 p.m. Route 307 will operate at a 60-minute frequency on weekends and holidays from 7:00 a.m. to 7:00 p.m.

15. Route 308

Route 308 is one of the routes that is a replacement to the current Route 8 and will serve the southern part of the Country Club area. Route 308 will operate on weekdays at a 30-minute frequency from 5:00 a.m. to 8:30 a.m. and 2:00 p.m. to 7:30 p.m. and at a 60-minute frequency from 12:00 p.m. to 1:00 p.m. There will be no service on weekends and holidays, consistent with the existing service schedule.

16. Route 309

Route 309 is one of the routes that is a replacement to the current Route 8 and will serve the northern part of the Country Club area. The route would also expand to serve the residential area across from the current Route 8 on the east side of West Circle Drive. Route 309 will operate on weekdays at a 30-minute frequency from 5:00 a.m. to 8:30 a.m. and 2:00 p.m. to 7:30 p.m. and at a 60-minute frequency from 12:00 p.m. to 1:00 p.m. There will be no service on weekends and holidays, consistent with the existing service schedule.

17. Route 314

Route 314 is a replacement to the current Route 14. The route is modified to serve the Hart Farms neighborhood and no longer serves the Channel One Food Shelf, Zumbro Valley Health Center, or Target on the east side of Broadway (these destinations will be served all day, evening, and on weekends by Route 206). Route 314 will operate on weekdays at a 30-minute frequency from 5:00 a.m. to 8:00 a.m. and 4:00 to 7:00 p.m. There will be no service on weekends and holidays, consistent with the existing service schedule.

18. Route 360X

Route 360X is a replacement to the current Route 6 Direct. This service connects the Fairgrounds Park & Ride to downtown Rochester, serving both the Mayo Clinic and the St. Mary's campus. Service operates into downtown Rochester in the morning and away from downtown Rochester in the afternoon. Route 360X will operate on weekdays at a 15-minute frequency from 5:30 a.m. to 8:00 a.m. and 3:00 p.m. to 6:00 p.m. There will be no service on weekends and holidays, consistent with the existing service schedule.

19. Route 409

Route 409 is a replacement to the current Route 9 and Route 25. With the changes to the current Route 18, Route 409 will no longer serve Superior Drive and the Mayo Support Center and will instead serve the new commercial developments on the east side of West Circle Drive. Route 409 will operate on weekdays at a 30-minute frequency from 5:00 a.m. to 9:00 a.m. and 3:00 p.m. to 7:00 p.m. and at a 60-minute frequency from 9:00 a.m. to 3:00 p.m. and 7:00 p.m. to 10:30 p.m. Route 409 will operate at a 60-minute frequency on weekends and holidays from 7:00 a.m. to 7:00 p.m.

20. Route 411

The Route 411 is a replacement to the current Route 11 and Route 26. The route will serve Zumbro Drive on all trips and will no longer serve the northwest Hy-Vee, which will be served by Route 418. Route 411 will operate on weekdays at a 30-minute frequency from 5:00 a.m. to 9:00 a.m. and 3:00 p.m. to 7:00 p.m. and at a 60-minute frequency from 9:00 a.m. to 3:00 p.m. and 7:00 p.m. to 10:30 p.m. Route 411 will operate at a 60-minute frequency on weekends and holidays from 7:00 a.m. to 7:00 p.m.

21. Route 412

The Route 412 is a replacement to the current Route 12 and Route 12M. The route will expand slightly north to 65th Street/Overland Drive NW and will no longer serve IBM. Route 412 will operate on weekdays at a 30-minute frequency from 5:00 a.m. to 9:00 a.m. and 3:00 p.m. to 7:00 p.m. and a 60-minute frequency from 9:00 a.m. to 3:00 p.m. There will be no service on weekends and holidays, consistent with the existing service schedule.

22. Route 413

The Route 413 is a replacement for the current Route 10 and Route 12N. Route 413 will operate on weekdays at a 30-minute frequency from 5:00 a.m. to 9:00 a.m. and 3:00 p.m. to 7:00 p.m. and at a 60-minute frequency from 9:00 a.m. to 3:00 p.m. and 7:00 p.m. to 10:30 p.m. Route 413 will operate at a 60-minute frequency on weekends and holidays from 7:00 a.m. to 7:00 p.m.

23. Route 418

Route 418 is a replacement to the current Route 18. The route will serve the residential areas west of West Circle Drive between 19th Street and 41st Street as well as the Mayo Support Center, northwest Hy-Vee, and the residences and businesses along 41st Street. Route 418 will operate on weekdays at a 30-minute frequency from 5:30 a.m. to 8:30 a.m. and 3:30 p.m. to 7:30 p.m. There will be no service on weekends and holidays, consistent with the existing service schedule.

24. Route 419

Route 419 is a replacement to the southern part of current Route 19. Route 419 will operate on weekdays at a 30-minute frequency from 5:00 a.m. to 9:00 a.m. and 3:30 p.m. to 7:30 p.m. and a 60-minute frequency from 12:00 p.m. to 1:00 p.m. There will be no service on weekends and holidays, consistent with the existing service schedule.

25. Route 421

The Route 421 is a replacement to the northern part of the current Route 19 and expands service into the residential areas further to the north. Route 421 will operate on weekdays at a 30-minute frequency from 5:00 a.m. to 9:00 a.m. and 3:30 p.m. to 7:30 p.m. and a 60-minute frequency from 12:00 p.m. to 1:00 p.m. There will be no service on weekends and holidays, consistent with the existing service schedule.

26. Route 501

The Route 501 is a modification to the existing Route 191. The route is modified to address the current poor performance of this route and focus the route on the highest ridership sections of the existing Route 191. The route will operate between Rochester Public Transit and Rochester Community and Technical College via 37th Street NW, 41st Street NW, 55th Street NW, West Circle Drive, the Apache Mall, and the Fairgrounds. Route 501 will operate at a 60-minute frequency from 5:30 a.m. to 10:30 p.m. on weekdays and from 7:00 a.m. to 7:00 p.m. on weekends and holidays.

27. Route 505 & 506

The current Shopper Shuttle routes (current Route 55) are maintained as Route 505 (current Tuesday – North Route) and Route 506 (current Friday – South Route). These routes provide connections between senior apartment complexes and shopping centers during midday periods two days per week. These routes better serve patrons who are mobility impaired by operating into the parking lots to provide service closer to the doors of apartments and retail establishments.

28. Route 550X

The Route 550X is a replacement to the current Route 18 Direct and Route 3 Direct. The route will operate between the IBM Park & Ride and the Rochester Community and Technical College (RCTC) Park & Ride via downtown Rochester, serving both the Mayo Clinic and the St. Mary’s campus. The route will operate bi-directional service in the morning and afternoon. Route 550X will operate on weekdays at a 10-minute frequency from 5:30 a.m. to 8:30 a.m. and 3:00 p.m. to 6:30 p.m. There will be no service on weekends and holidays, consistent with the existing service schedule.

Table 1: Fixed Route Geographic Expansion and Route Modification Recommendations

Recommended Route Number	Existing Route Number(s)	Weekday Peak Frequency	Weekday Peak Span	Weekday Off-Peak Frequency	Weekday Off-Peak Span	Sat/Sun/Holiday Frequency	Sat/Sun/Holiday Span
101	1; 1N; 21	30	5am-9am; 3pm-7pm	60	9am-3pm; 7pm-10:30pm	60	7am-7pm
102	2	30	5am-9am; 3pm-7pm	60	9am-3pm	-	-
103	New Route	30	5am-9am; 3pm-7pm	60	9am-3pm	-	-
116	16	30	5am-9am; 3pm-7pm	60	9am-3pm; 7pm-10:30pm	60	7am-7pm
150X	1D	15	5:30am-8:30am; 3pm-6pm	-	-	-	-
203	3	30	5am-9am; 3pm-7pm	30	9am-3pm	-	-

Recommended Route Number	Existing Route Number(s)	Weekday Peak Frequency	Weekday Peak Span	Weekday Off-Peak Frequency	Weekday Off-Peak Span	Sat/Sun/Holiday Frequency	Sat/Sun/Holiday Span
204	4A; 4B; 4M; 3N; 22	30	5am-9am; 3pm-7pm	60	9am-3pm; 7pm-10:30pm	60	7am-7pm
205	5	30	5:30am-8:30am; 2:30pm-7:00pm	60	8:30am-2:30pm	-	-
206	6A; 6B; 6M; 24	30	5am-9am; 3pm-7pm	60	9am-3pm; 7pm-10:30pm	60	7am-7pm
217	17	30	5am-8am; 4pm-7pm	-	-	-	-
250X	4D	30	5:30am-8am; 3pm-6:00pm	-	-	-	-
260X	15D	20	5:30am-8:30am; 3pm-6pm	-	-	-	-
306	6A; 6B; 6M	30	5am-9am; 3pm-7pm	60	9am-3pm	-	-
307	7; 7A; 7N; 23	30	5am-9am; 3pm-7pm	60	9am-3pm; 7pm-10:30 pm	60	7am-7pm
308	8	30	5am-8:30am; 2pm-7:30pm	60	12pm-1pm	-	-

Recommended Route Number	Existing Route Number(s)	Weekday Peak Frequency	Weekday Peak Span	Weekday Off-Peak Frequency	Weekday Off-Peak Span	Sat/Sun/Holiday Frequency	Sat/Sun/Holiday Span
309	8	30	5am-8:30am; 2pm-7:30pm	60	12pm-1pm	-	-
314	14	30	5am-8am; 4pm-7pm	-	-	-	-
360X	6D	15	5:30am-8am; 3pm-6pm	-	-	-	-
409	9; 25	30	5am-9am; 3pm-7pm	60	9am-3pm; 7pm-10:30pm	60	7am-7pm
411	11; 26	30	5am-9am; 3pm-7pm	60	9am-3pm; 7pm-10:30pm	60	7am-7pm
412	12; 12M	30	5am-9am; 3pm-7pm	60	9am-3pm	-	-
413	10; 12N	30	5am-9am; 3pm-7pm	60	9am-3pm; 7pm-10:30pm	60	7am-7pm
418	18	30	5:30am-8:30am; 3:30pm-7:30pm	-	-	-	-
419	19	30	5am-9am; 3:30pm-7:30pm	60	12pm-1pm	-	-
421	New Route	30	5am-9am; 3:30pm-7:30pm	60	12pm-1pm	-	-

Recommended Route Number	Existing Route Number(s)	Weekday Peak Frequency	Weekday Peak Span	Weekday Off-Peak Frequency	Weekday Off-Peak Span	Sat/Sun/Holiday Frequency	Sat/Sun/Holiday Span
501	191	60	5:30am-9am; 3pm-7pm	60	9am-3pm; 7pm-10:30pm	60	7am-7pm
505	Tuesday Shopper Route 55	80	9am-3pm	-	-	-	-
506	Friday Shopper Route 55	75	9am-3pm	-	-	-	-
550X	18D; 3D	10	5:30am-8:30am; 3pm-6:30pm	-	-	-	-

Terms and Definitions:

Alighting:	Location where a person exits the bus (e.g., Downtown Transit Center)
Blocking:	Process of dividing the trips on a scheduled route among vehicles. Also called, 'vehicle scheduling'. <i>Example – Bus A operates Route 4D, then Route 7A</i>
Boarding:	Location where a person enters the bus (e.g. RCTC)
Cycle time:	The amount of time (minutes) required for a bus to complete one trip on a route
Days of week:	Days when transit service operates
Destination:	Location where a person's trip ends (e.g., home, work, school)
Direct Routes:	Bus routes that services a park and ride to Downtown with no stops. It is operated during morning and afternoon peak periods. Also called, 'express routes'.
Frequency:	How often buses from one route arrive at a bus stop, can vary during span
Fixed-route transit:	Bus service that operates on a route that does not change
Operations Planning:	Process of translating transit service plan into specific operating plan for operators (i.e., bus drivers) and riders
Origin:	Location where a person's trip starts (e.g., home, work, school)
Paratransit:	Transit service for people who cannot use fixed route transit (RPT currently provides ZIPS; requires ADA certification)
Ridership:	The number of trips that people take using transit service
Rochester Public Transit (RPT):	Public transportation service in the City of Rochester
Run-cutting:	Process of dividing the vehicle blocks among operators to account for operator needs (e.g., shift start and end times, lunch break, etc.). <i>Example – Operator X drives Bus A in morning peak, does not work during mid-day, and drives Bus B in afternoon peak.</i>
Schedule:	Exact time when a bus arrives and departs from a bus stop
Service planning:	The process of identifying the details of where and when transit service will be provided

Span: Hours when transit service operates, can be different for weekday, weekend, and/or holidays

Transit Development

Plan (TDP): Federally-required 5-year, fiscally constrained plan to maintain and improve public transit service, operations, and capital assets and facilities