



Appendix A

Envision My Ride

Recommendations

Envision My Ride: Network and Service Recommendations

1 INTRODUCTION

From 2016 to 2020, CATS worked with the community to gather feedback and identify strengths and weaknesses of the existing bus system through the Envision My Ride (EMR) process. The result was a series of recommendations for overall route structure, frequency, and connectivity to better serve existing riders, attract new riders, and improve system productivity. This document includes refinements to the March 2020 EMR recommendations. The COVID-19 pandemic, coupled with the emergence of numerous future transit developments in the Charlotte region, posed an opportunity to update the EMR recommendations to reflect changing needs. This document includes refinements to the EMR recommendations developed throughout 2020.

2 FUTURE HIGH FREQUENCY BUS NETWORK

The following routes are recommended to have 15-minute or better service:

- Route 1: Mount Holly Road
- Route 2: Ashley Road
- Route 3: The Plaza
- Route 4: Belmont
- Route 5: Sprinter Airport
- Route 6: Kings Drive
- Route 7: Beatties Ford Road
- Route 8: Tuckaseegee Road
- Route 9: Central Avenue
- Route 10: West Boulevard
- Route 14: Providence Road
- Route 15: Randolph Road
- Route 16: South Tryon Street
- Route 19: Park Road
- Route 21: Statesville Avenue
- Route 22: Graham Street
- Route 25: Sugar Creek Road (new route)
- Route 27: Monroe Road
- Route 29: UNCC/JW Clay
- Route 34: Freedom Drive
- Route 39: Eastway Drive
- Route 56: Arrowood Road
- Route 60: Tyvola Road

3 NEW CONNECTIONS

To provide better coverage, CATS proposes the following new routes, reroutes, and route extensions in Table 1.

Table 1. New Bus Connections

Route	Description	Modification from Existing Network
10	River District to Uptown (via West Blvd)	Route 10 extension
14	Waverly to Uptown (via Providence Rd)	Route 14 extension
17	Crown Point/Village Lake to Lawyers Park and Ride (via Village Lake Dr and WT Harris Blvd)	New route
25	Derita to Sugar Creek Station (via Sugar Creek Rd)	New route
28	SouthPark to Eastland (via Fairview Rd)	Route 28 reroute
32	Rosa Parks Transit Center to JW Clay Station (via Mallard Creek Rd)	New route
34	Moores-Chapel to Uptown (via Freedom Dr)	Route 34 reroute and extension
37	SouthPark to Stonecrest (via Rea Rd)	New route
64	Matthews to Uptown (all day service via Independence Blvd)	New route
90	Albemarle Rd to Uptown	New route
91	SouthPark to Independence Shopping Center (via Rama Rd)	New route
93	Plaza Extension to Old Concord Station	New route
94	Northlake to JW Clay Station (via WT Harris Blvd)	New route
95	Johnston Rd/Ballantyne to Sharon Rd West Station (via Johnston Rd and I-485 express lanes)	New route
96	Briar Creek to Woodlawn Station (via Wendover Rd and Woodlawn Rd)	New route
207	Valerie Woodard Center to Harris Corners (via Sunset Rd)	New route
208	Windsor Square to Lawyers Park and Ride (via Idlewild Rd)	New route
240	Mint Hill to Lawyers Park and Ride (all day service)	New route
243	Waverly to Ballantyne	New route
251	CPCCL Levine to Independence Point Park and Ride	New route

4 PROPOSED FREQUENCIES

The existing CATS network favors weekday commutes, but many riders rely on off-peak and weekend service. To improve rider options, EMR will increase frequencies and expand weekend service hours. Tables 2, 3, and 4 present the recommended frequencies and service hours for the EMR bus network.

Table 3. Future Service Levels by Time of Day: Common Routes

#	Route Name	Weekday														Weekend																									
		5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	1	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11
Common Routes		AM							PM							AM			AM							PM							AM								
11	North Tryon	20-30 Minute Service																					40-60 Minute Service																		
12	South Blvd	20-30 Minute Service																					40-60 Minute Service																		
13	Nevin Road	20-30 Minute Service																					40-60 Minute Service																		
17	Matthews-Lawyers	20-30 Minute Service																					40-60 Minute Service																		
18	Paw Creek	20-30 Minute Service																					40-60 Minute Service																		
20	Sharon Rd	20-30 Minute Service																					40-60 Minute Service																		
23	Shamrock	20-30 Minute Service																					40-60 Minute Service																		
24	Nations Ford Rd	20-30 Minute Service																					40-60 Minute Service																		
26	Oaklawn	20-30 Minute Service																					40-60 Minute Service																		
28	Sharon Amity	20-30 Minute Service																					40-60 Minute Service																		
30	Woodlawn/Scaleybark	20-30 Minute Service																					40-60 Minute Service																		
32	Mallard Creek	20-30 Minute Service																					40-60 Minute Service																		
37	Rea Rd	20-30 Minute Service																					40-60 Minute Service																		
42	Carowinds	20-30 Minute Service																					40-60 Minute Service																		
43	Ballantyne	20-30 Minute Service																					40-60 Minute Service																		
50	URP South	20-30 Minute Service																					40-60 Minute Service																		
51	Pineville-Matthews	20-30 Minute Service																					40-60 Minute Service																		
54	Concord Mills	20-30 Minute Service																					40-60 Minute Service																		
55	Westinghouse	20-30 Minute Service																					40-60 Minute Service																		
57	Archdale	20-30 Minute Service																					40-60 Minute Service																		
58	Pineville	20-30 Minute Service																					40-60 Minute Service																		
59	N. Meck, Connector	20-30 Minute Service																					40-60 Minute Service																		
64	Independence Blvd	15-Minute Service				20-30 Minute Service							15-Minute Service				20-30 Minute Service			20-30 Minute Service							40-60 Minute Service														
67	URP North	20-30 Minute Service																					40-60 Minute Service																		
90	Albermarle Rd	20-30 Minute Service																					40-60 Minute Service																		
91	Fairview-Rama	20-30 Minute Service																					40-60 Minute Service																		
92	Selwyn Ave	20-30 Minute Service																					40-60 Minute Service																		
93	Plaza Extension	20-30 Minute Service																					40-60 Minute Service																		
94	WT Harris Connector	20-30 Minute Service																					40-60 Minute Service																		
95	Johnston Rd-Ballantyne	15-Minute Service				20-30 Minute Service							15-Minute Service				20-30 Minute Service			20-30 Minute Service							40-60 Minute Service														
96	Wendover-Woodlawn	20-30 Minute Service																					40-60 Minute Service																		

- 10-Minute Service
- 15-Minute Service
- 20-30 Minute Service
- 40-60 Minute Service
- No Service

Key Differences from the Current Network
 1. **Increased frequency** throughout the day on weekdays and weekends
 2. **More routes that operate at 30-minutes** or better during the day

