



iredell county area transportation system

**IREDELL COUNTY AREA
TRANSPORTATION SYSTEM**

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Statesville, NC 28625
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Iredell County Transportation Advisory Board

Meeting: Monday, September 25, 2017

Lunch: 12:00 - 12:30pm

Meeting: 12:30 – 1:30

Location: Julia’s Tally House

I. Call to Order

II. Introduction of Members

III. Administrative Matters

- a. Annual Documents needing Board Approval
 - i. ICATS Title VI
 - ii. ICATS SSP (System Safety Plan)
 - iii. ICATS Drug and Alcohol policy
 - iv. ICATS Success Plan
- b. Selecting New TAB Chairperson
 - i. Any nominations
 - ii. Vote
- c. Notation of Holiday Schedule
 - i. Services for dialysis patients only will be provided on the following holidays:
 - 1. Martin Luther King Day
 - 2. Good Friday
 - 3. Veteran’s Day
 - 4. Black Friday following Thanksgiving.
 - ii. No services will be provided on:
 - 1. Memorial Day
 - 2. Independence Day
 - 3. Labor Day
 - 4. Thanksgiving Day
 - 5. Christmas Day
 - 6. New Year's Day
- d. Things to be completed in FY 18
 - i. Feasibility Study under contract with PTD and AECOM
 - ii. RouteMatch upgrade
 - 1. Call-ahead trip confirmation
 - 2. Day before at 5:00pm
 - 3. 30 minutes before scheduled pick up
 - 4. Fixed Route Module
 - 5. Route Shout for Fixed Route buses (text for next bus)
 - 6. Pre and Post trip vehicle inspection
 - iii. Route brochures (Smart Maps Quoted \$6,000 for design and deployment)
 - iv. Structured scheduling (see Map and handout)

1. ITRE is providing data analysis and oversight during this process.
2. Keys to success
 - a. Agency buy-in
 - b. Driver buy-in
 - c. Public education
- v. Fixed Route Overhaul
 1. Reduction Of Headway
 - a. Changing current stop points to time points
 - i. Time Point - Bus stops and does not leave until a set time.
 - ii. Stop Point - Bus only stops if there is a rider at the stop.
 2. MCC Route is now "Community Connection"
 3. Bloom
 - a. Adding additional day of service, proposed change from Mon, Friday to Tuesday, Thursday, and Saturday.
 - b. Requesting service:
 - i. Iredell Memorial Hospital
 - ii. Davis Hospital
 - iii. Iredell Council On Aging
 - iv. Save-A-Lot
 - v. Iredell County Health Department
 - vi. The Retreat (Behind Lowes)
 - vii. The Forest Park, Wils way (Behind The Brian Center)

IV. New Business

- a. Request for Public hearing / comment sessions
 - i. Request for ICATS to resume Curb-to-Curb service
 - ii. Request for Boarding Fare Increase
 - iii. Zone Based Scheduling
- b. ICATS Annual Operating Report FY16 vs Fy17

	FY16	FY17
Annual trips	79,619	117,606
Medicaid trips	25,634	28,119
Grant Funded	20,458	62,884
Agency trips	33,527	26,603
Avg Cost per trip		\$11.54
Service Miles	792,388	768,072
Service Hours	47,919	47,774

FY17	
Expenditures	
Operating	\$ 1,150,556
Administration	\$ 438,419
Capital	\$ 439,341
ICATS Grant's Match	\$ 363,081
Written Off	\$ 82,000 ICKDO
Total Expenses	\$ 2,473,397

Revenue	Grant	Match
5307	\$ 38,709	\$ 38,709
5310 Urban & Rural	\$ 167,941	\$ 167,941
5311 Admin	\$ 161,181	\$ 30,125
5311 Capital	\$ 340,047	\$ 56,787
5316 JARC	\$ 69,519	\$ 69,519
NCDOT Misc.	\$ 283,249	
Medicaid		\$ 531,192
Agency Contracts		\$ 396,235
Fixed Route Contracts		\$ 129,855

FY 19 needs

Capital
12 Replacement Vehicles
Storage Building
Upgrade office electrical panel, currently maxed out
Automated fare collection system
In need of 10-15 more parking spaces
Administration / Personal
1 NTD/Medicaid reporting clerk
1 Vehicle Maintenance Tech
Part time Drivers
10 - Full Time Drivers

10-year Future needs

Funding Source	Request / Description	Total Cost
STI	10 - Fixed Route Expansion Vehicles	\$ 8,000,000
	3 - Express Route Expansion Vehicles	\$ 2,500,000
	5 - Demand Response Expansion Vehicles	\$ 550,000
	Mooresville Passenger Transfer Station	\$ 2,000,000
	Statesville Passenger Transfer Station	\$ 2,000,000
5339	New Admin/Operation/Maintenance Facility	\$ 2,500,000

V. Unfinished Business

VI. Adjourn

Next meeting October 17 2017 Locations TBD. Agenda Request should be made By October 1

Thank You. Your service is very much appreciated.

Bradley Johnson

Transportation Director

Iredell County Area Transportation (ICATS)

Office 704-873-9393

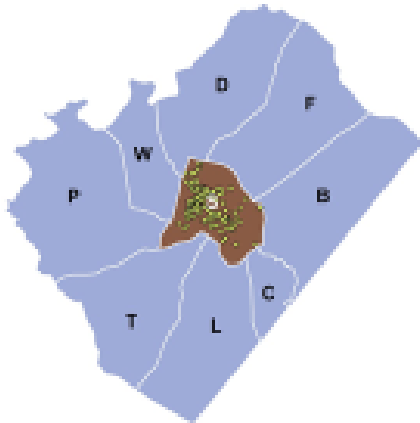
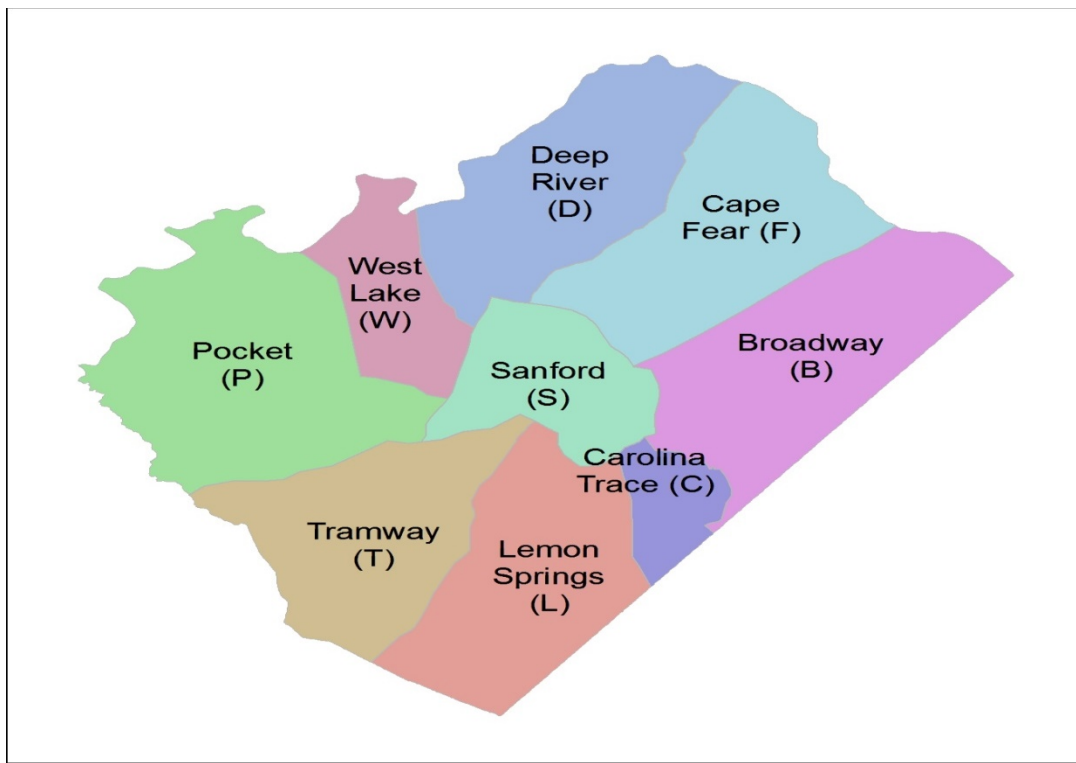
Solution?



Structured Scheduling

- Simplifies scheduling and dispatching process
- Improves efficiency
- Reduces cost per trip
- Increase ridership by offering organized and understandable service at established times



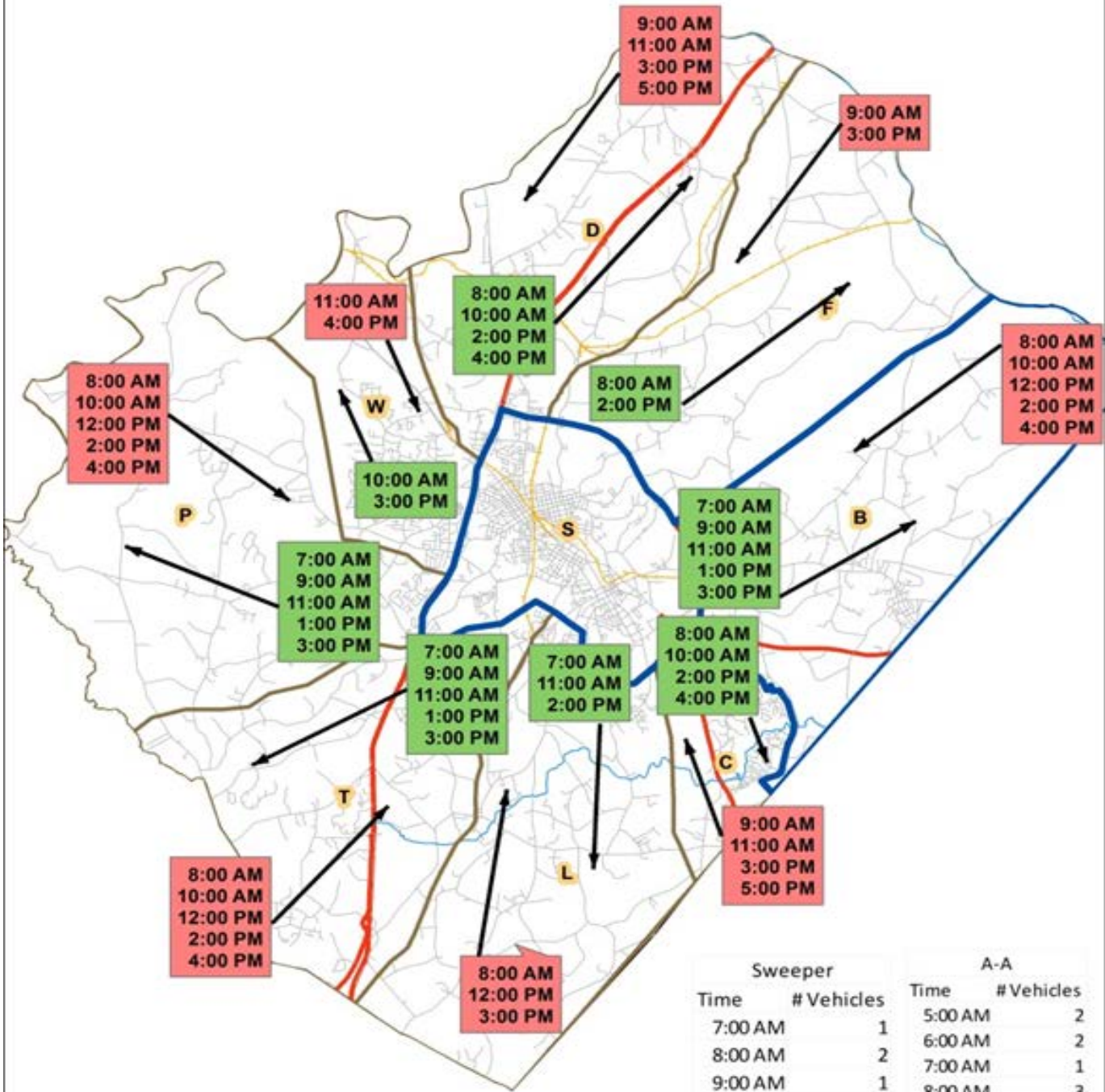


Scheduling Part 1

Trips Begin & End in Central Zone – 55%



Lee County Zone Boundaries Service Times



Zone Boundaries

Sweeper		A-A	
Time	# Vehicles	Time	# Vehicles
7:00 AM	1	5:00 AM	2
8:00 AM	2	6:00 AM	2
9:00 AM	1	7:00 AM	1
10:00 AM	1	8:00 AM	3
11:00 AM	1	9:00 AM	2
12:00 PM	1	10:00 AM	3
1:00 PM	1	11:00 AM	5
2:00 PM	1	12:00 PM	3
3:00 PM	2	1:00 PM	3
4:00 PM	1	2:00 PM	2
5:00 PM	1	3:00 PM	2
6:00 PM	1	4:00 PM	1
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		8:00 PM	1

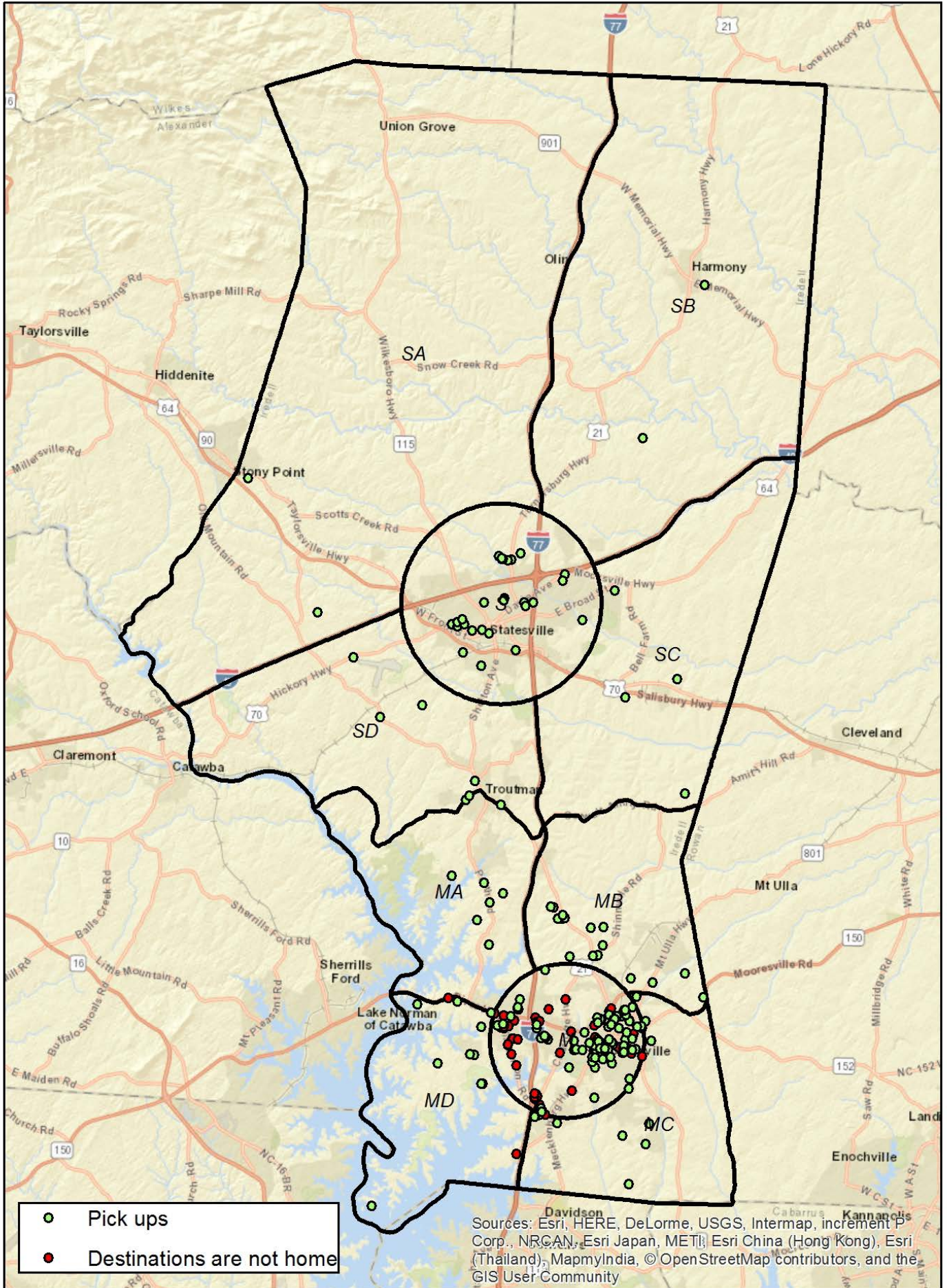
S→T		T→S	
Monday-Friday			
7:00 AM	8:00 AM		
9:00 AM	10:00 AM		
11:00 AM	12:00 PM		
1:00 PM	2:00 PM		
3:00 PM	4:00 PM		

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COUNTY OF LEE
TRANSIT SYSTEM
PUBLIC TRANSPORTATION 919-776-7201

Time	S1	S2	S3	S4	S5	S→W	W→S	S→P	P→S	S→T	T→S	S→L	L→S	S→C	C→S	S→B	B→S	S→F	F→S	S→D	D→S	Sweepers	
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Mooresville Destination Trips



Sources: Esri, HERE, DeLorme, USGS, Intermap, increment P Corp., NRCAN, Esri Japan, METI, Esri China (Hong Kong), Esri (Thailand), MapmyIndia, © OpenStreetMap contributors, and the GIS User Community

Statesville Destination Trips

