TASK 20

## NATIONAL COMMUTER RAIL COMPARISON TECHNICAL MEMO

PREPARED BY: QUANDEL CONSULTANTS, LLC

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SMITHGROUPJJR AECOM . BERGMANN ASSOCIATES . QUANDEL CONSULTANTS



## North-South Commuter Rail Feasibility Study

# Task 20: National Commuter Rail Comparison Technical Memo

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### **1. INTRODUCTION AND SCOPE OF WORK**

### 1.1 Introduction

The North-South Commuter Rail Project, (WALLY), is a proposed 27-mile long commuter rail operation on existing tracks that would provide service between Ann Arbor and Howell, with intermediate stops along the way. It has been embraced by a number of public and private organizations in Washtenaw and Livingston counties as a way to expand commuting options in a rapidly growing part of southeast Michigan along the US 23 corridor. The Ann Arbor Area Transportation Authority (AAATA) has taken on the role as the "designated authority" for studying and developing the concept.

This report is one of the deliverables in a feasibility study which will determine in detail the costs of the project and the estimated number of future riders. The feasibility study will also define the organization needed to build and operate the service, and the prospects for establishing a funding source for the service. It will help drive the community's decision about moving forward with the project.

Quandel Consultants has developed estimates of the annual operating costs for various commuter rail system alternatives operating in the railroad corridor between Ann Arbor and Howell. Two of the more promising alternatives based on ridership estimates include Option 1: Full Service and Option 5B: Shuttle Service. Detailed service plans for each option are presented in Task 8 memo. Detailed operating costs are presented in Task 11 memo. The key parameters of each option are as follows:

System Parameters											
	Option 1: Full Service	Option 5B: Shuttle Service (two train sets)									
Service Limits	Downtown Ann Arbor-Howell	Downtown Ann Arbor-Whitmore Lake									
Equipment/Speed	Locomotive-Coach-Coach-Cab, 60 mph maximum	Locomotive-Coach-Coach-Cab, 60 mph maximum									
Stations	(6) Howell, Genoa Township, Hamburg, Whitmore Lake, Barton Drive and Downtown Ann Arbor	(3) Whitmore Lake, Barton Drive and Downtown Ann Arbor									
Revenue Service Operation	Four train sets to Ann Arbor in the AM; four trains sets return to Howell in the PM	Two train sets, making four peak direction trips and two reverse trips to Ann Arbor in the AM and four peak direction trips and two reverse direction trips to Whitmore Lake in the PM									
Weekday/Weekend	Weekday operation only	Weekday operation only									
Connecting Bus Service	Dedicated bus service at Barton Drive	Dedicated bus service at Barton Drive									
Layover Facility	Full facility in Ann Arbor	Layover track/minimal facility in Ann Arbor									
Maintenance Strategy	Overnight/maintenance facility in Howell area	Overnight/layover track/minimal facility in Whitmore Lake, Periodic offsite maintenance at Owosso or another existing facility									
Freight Operations	CSX coordination required at the Annpere Interlocking, New freight interchange at Ellsworth Rd	New freight interchange at Ellsworth Rd									
Grade Crossing Warning Systems	Gates at all public crossings	Gates at all public crossings									
Signal System	Positive Train Control	Positive Train Control									
Annual Operating Cost	\$11.1 million*	\$5.6 million*									
* Adjusted to eliminate rolling stock le	easing costs and connecting bus service costs in accord with N	TD guidance.									
All costs are in 2015 dollars.											

### **1.2** Scope of Work

Quandel Consultants is serving as sub-consultant to SmithGroupJJR, the project prime consultant to implement the following work scope as defined in the contract documents:

Task 20-National Commuter Rail Comparison

Obtain and analyze financial and operating data from peer group commuter rail operations including conventional commuter rail systems: Music City Star, SunRail and Northstar, and DMU systems: NCTD and Capital Metro. Integrate data into a summary matrix and develop recommendations for consideration in the North-South system.

Deliverable(s): 1. Submit draft national commuter rail comparison memo.

2. Review meeting, refine and submit final national commuter rail comparison memo.

### 2. NATIONAL TRANSIT DATABASE

### 2.1 History and Compliance

In 1974, Congress established the National Transit Database (NTD) Program to collect information and statistics on transit agencies in the United States. The NTD system is based on the Uniform Financial Accounting and Reporting Elements (FARE), a project initiated by the transit industry. As the need for transit assistance grew, Congress continued to develop the NTD program and increased federal funding.<sup>i</sup>

Transit Agencies are required to report to the NTD if they receive or benefit from Section 5307 or Section 5311 formula grants. Section 5307, the Urbanized Area Formula Program (UAFP) provides capital, operating, and planning assistance for public transportation operated in urbanized areas (UZAs). The Federal Transit Administration (FTA) initiated this program under the Surface Transportation Assistance Act of 1982. Since 1984, Section 5307 has been the primary transit assistance program of the FTA. Section 5311, Formula Grants for Rural Areas, provides capital, planning, and operating assistance to states to support public transportation in rural areas. The reporting requirements for 5307 grantees are significantly more robust than those for 5311 grantees, as the urban recipients typically have greater resources.

The FTA submits annual NTD reports that summarize transit service and safety data to Congress for its review and use. The legislative requirement for the NTD is codified in Title 49 U.S.C. §5335(a).<sup>ii</sup>

### 2.2 Reporting Requirements

The FTA has defined a strict system of accounting and reporting standards known as the Uniform System of Accounts (USOA). Transit agencies follow these guidelines in their annual reporting, which enable accurate analyses and comparisons among different systems.

The NTD separates expenses into two major categories: operating and capital. Operating expenses are expenses that a transit agency incurs during day-to-day operations. Agencies report total operating expenses to show the true cost of transit service. Usually, operating expenses have a useful life of less than one year and a unit cost of less than \$5,000. Capital expenses are the costs that a transit agency incurs when it purchases equipment or other assets. The NTD generally defines capital as an asset having a useful life of more than one year and a unit cost of at least \$5,000.<sup>iii</sup>

Transit agencies must report costs associated with transit service, including direct and indirect expenses. Direct costs are expenses that agencies incur for a specific mode or service. Examples include:

- Labor expenses for personnel who work on one mode of transportation
- Tire and tube expenses for directly-operated motor bus vehicles
- Schedule printing costs for services operated under a purchased transportation contract

 Diesel or gasoline expenses if tracked by vehicle and the vehicles are operated on only one mode of service

Indirect costs may include such items as:

- Salary expenses for the general manager who is responsible for the provision of transit services
- Expenses for printing tickets, passes, and smart cards that can be used to ride bus or rail transit
- Outside audit services
- Building maintenance expenses for an administrative building

Transit agencies providing multiple modes of service must report direct costs by mode and allocate indirect/shared costs to each mode. The FTA allows multiple strategies for allocating the indirect costs that are shared among multiple modes. Common allocation variables include:

- Revenue hours and miles
- Vehicles operated in annual maximum service (VOMS)
- Number of employees
- Direct expenses
- Ridership (unlinked passenger trips)<sup>iv</sup>

Transit agencies are required to report both operating and capital expenses they incur to provide transit service. When an agency contracts with a seller to provide service, the agency may also incur capital leasing costs. Capital leasing costs are the expenses that the seller charges the buyer for the use of its capital. For example, if the seller uses its vehicles to provide service, it typically charges the buyer to cover depreciation. The buyer reports this as a capital leasing cost. Agencies that incur capital leasing costs must report this data, even if these costs are not itemized on invoices.<sup>v</sup>

Operating Expense is comprised of four basic functions:

- Vehicle Operations
- Vehicle Maintenance
- Non-Vehicle Maintenance
- General Administration<sup>vi</sup>

It is important to note that the operating expense reported by transit agencies does not include depreciation and lease costs for vehicles and facilities. Such expenses are reported as capital expenses or reconciling items along with interest expenses. The FTA clarifies this accounting principal in its discussion of Purchased Transportation Services, noting that, "Transit agencies must report depreciation and lease costs as reconciling items.<sup>vii</sup>

Contractors providing transportation services to a transit Agency may use their own revenue vehicles or maintenance facility as part of the contract. The Agency must report this service as Purchased Transportation. If the purchased transportation provider charges total costs, either in absolute dollars and unit charges (e.g., per mile or per trip), the agency must separate operating costs from any lease and depreciation expenses. <sup>viii</sup>

Transit Agencies are required to report vehicle revenue hours (VRH) and vehicle revenue miles (VRM). These values take into account the hours and miles that vehicles travel while in revenue service. Under NTD rules, Revenue hours for conventional scheduled services include both running time plus layover/recovery time.<sup>ix</sup>

Running time is the time it takes a transit vehicle to travel from the beginning to the end of a transit route. A transit agency's passenger timetable typically shows the running times for trips it operates.

Usually, agencies schedule layover/recovery time at the end of each trip. Layover time typically ranges from 10 to 20 percent of the running time. Transit agencies use this time to provide the operator a break or to give the operator an opportunity to get service back on schedule if it was running late. <sup>x</sup>

The FTA considers vehicles employed in a commuter rail system to include both locomotives (RL) and passenger coaches (RP). Transit agencies are required to report Vehicle Revenue Miles (VRM) and Vehicle Revenue Hours (VRH) as well as Train Revenue Miles. VRM and VRH exclude the miles and hours related to:

- Deadhead time
- Operator training
- Maintenance testing<sup>xi</sup>

### 2.3 Adjustments to North-South Commuter Rail Statistics

Transit Agencies report their operating expenses to the NTD on Form F-30. Operating expenses as reported to the NTD may not agree precisely with operating budgets as reported by the agencies to their governing entities due to the differences in definitions of the reported elements. Similarly, it is necessary to make adjustments to several of the previously reported statistics and operating costs of the proposed North-South system to comply with the NTD definitions. The adjustments are as follows:

- Operating Cost adjustment for Locomotive and Coach Lease Expense. The annual operating costs reported in Task Memo 11 include costs for leasing locomotives and coaches. Leasing the rolling stock enables a start-up operation to proceed without incurring the potentially large capital expense of procuring new equipment. In accord with the FTA procedures, the previously reported annual operating cost for Option 1: Full Service of \$13,151, 486 is reduced by \$502,000 to eliminate the lease expense of 5 locomotives and \$746,000 to eliminate the expense of leasing 5 cab cars and 11 coaches. Similarly, the annual operating cost of Option 5B: Shuttle Service of \$7,026,001 is reduced by \$301,500 to eliminate the lease expense of 3 locomotives and \$286,500 to eliminate the expense of leasing 3 cab cars and 3 coaches.
- Allocation of costs by mode. The annual operating cost reported in Task 11 is also reduced to eliminate the cost of providing connecting bus service. This action reduces the reported annual operating cost by \$803,000 for each option.

The resultant annual operating costs as would be reported in the National Transportation Database are:

- Option 1: Full Service: \$11,100,488
- Option 5B: Shuttle Service: \$5,635,001

It is important to note that the service provider will incur the full operating cost as reported in the Detailed Long Term Operating Costs Technical Memo. However, in order to put all transit agencies on an equal footing for comparative purposes, agencies which lease their rolling stock are required to strip out their leasing costs, while agencies which own their rolling stock are required to strip out their depreciation costs.

# 3. COMMUTER RAIL SYSTEMS SELECTED FOR COMPARISON

### 3.1 Selection Criteria

The National Transit Database identifies 28 commuter rail systems in the United States. Commuter Rail (CR) is defined in the NTD Glossary as a transit mode that is an electric or diesel propelled railway for urban passenger train service consisting of local short distance travel operating between a central city and adjacent suburbs. Service must be operated on a regular basis by or under contract with a transit operator for the purpose of transporting passengers within urbanized areas (UZAs), or between urbanized areas and outlying areas. Such rail service, using either locomotive hauled or self-propelled railroad passenger cars, is generally characterized by multiple trip tickets, specific station to station fares, railroad employment practices and usually includes only one or two stations in the central business district. Heavy rail (HR) rapid transit, Light rail (LR) streetcar transit service and (most) intercity rail service are specifically excluded.

In addition, the NTB identifies 17 hybrid rail systems, some of which have commuter rail characteristics.

Hybrid Rail (HR) is defined as systems primarily operating routes on the national system of railroads, but not operating with the characteristics of commuter rail. This service typically operates light rail-type vehicles as diesel multiple unit trains (DMU's). These trains do not meet Federal Railroad Administration standards, and so must operate with temporal separation from freight rail traffic.

### See: https://www.transit.dot.gov/ntd/national-transit-database-ntd-glossary

Commuter rail systems in the United States generally fall in two categories, those that have been in operation for roughly a century in our major cities and those that are more recent startups. The historic systems tend to have well established fleets, significant operations, extensive ridership and relatively high fare box recovery, where the annual fare revenues approach or exceed 50% of the operating cost. There is little value in seeking to compare a new start-up service, such as the North-South Commuter Rail System to such entities. However, over the last two decades, multiple new commuter systems have been started. Four systems, including:

- Nashville: Music City Star
- Minneapolis: Northstar
- Orlando: SunRail
- Oceanside: Coaster

offer characteristics and parameters similar to those of the proposed Ann Arbor system and may be suitable for comparison. Similarly, new hybrid rail systems can be employed as comparable systems. We have selected:

- Denton: A-Train
- Austin: Red Line

as these systems have comparable fleet size, route miles, ridership, operating costs and revenues.

### **3.2** Peer Group System Characteristics

The characteristics of the two North-South options and the selected peer group systems are presented in the following table:

System Characteristics													
				Sys	tem								
Characteristic	North-South	North-South											
Characteristic	Option 1	Option 5B	Music City Star	Northstar	SunRail (2015)**	Coaster	Red Line	A-Train					
Route Miles	28.4	11.97	32	40	32.7	41	32	21					
Stations	6	3	6	7	12	8	9	5					
Passenger Cars per Train	3	2	3				1	2					
Weekday One-Way Revenue Trips	8	12	14	12	36	68-78	40-56	60-62					
Operating Days per Year	262	262	262	358	262	365	312	312					
Vehicles Avail for Max Service	21	9	15	24	30	35	6	11					
Vehicles Operated in Max Service	16	6	7	20	30	24	4	8					
Annual Train Revenue Miles	59,526	37,634	84,200	145,868	279,449	276,960	279,757	313,062					
Annual Train Revenue Hours	2,035	1,638	2,904	4,429	8,796	7,012	11,613	12,215					
Annual Vehicle Revenue Miles	238,106	112,901	199,870	528,744	636,033	1,394,955	279,757	624,330					
Annual Vehicle Revenue Hours	8,139	4,913	6,578	16,077	20,648	35,318	11,613	24,450					
Annual Passenger Revenue	\$1,456,279	\$810,856	\$691,698	\$2,349,875	\$2,116,764	\$7,627,368	\$3,136,133	\$831,112					
Annual Passenger Miles	6,047,424	3,676,908	3,776,278	18,259,201		47,124,736	12,006,789	8,339,421					
Annual Unlinked Trips	482,080	439,112	243,133	721,214		1,673,816	763,551	568,338					
Total Operating Expense*	\$11,100,488	\$5,635,001	\$4,332,322	\$15,238,880	\$33,667,907	\$19,308,163	\$15,810,047	\$12,402,812					
*North-South Operating Costs are	adjusted to elim	inate the the cos	ts of operating co	nnecting hus a	envice and the co	st of leasing loc	omotives and co	haches					

\*North-South Operating Costs are adjusted to eliminate the the costs of operating connecting bus service and the cost of leasing locomotives a \*\*Sunrail started service in mid year 2014; complete data is not available

### 3.3 Variables Reported

As noted in sections 2.1 and 2.2 above, transit agencies are required to report a host of data to the FTA's National Transit Database. We have selected a subset of the data in order to generate metrics that can be used to evaluate the efficiency of the proposed North-South system in comparison to similar systems in operation in the United States.

Transit agencies report operating statistics and financial data annually to the NTD. The NTD assembles the data in a variety of prepackaged reports and tables that may be downloaded by the public and other agencies for further analysis. The data is available at this website: <u>https://www.transit.dot.gov/ntd</u>

Our analysis is based on FY2014 reporting, the last year for which individual transit agency summary data is available. The NTB publishes this data in an easily readable format, roughly one year later than

the data is available in excel tables. The summary data for the comparable systems that we have used in this analysis is provided in Appendix I. It should be noted that the 2014 summary data the SunRail System reflects operations over a roughly seven month period, as the system started operation in May 2014. As this data does not represent a steady state operation and includes some one time startup costs, we have employed 2015 data for the SunRail system, which we collected from the primary excel data files.

The primary annual variables that we have used in our analysis include:

- Train Revenue Miles
- Train Revenue Hours
- Vehicle Revenue Miles
- Vehicle Revenue Hours
- Passenger Miles
- Operating Expense
- Unlinked Passenger Trips

### 3.4 Comparison Metrics

The data enables the NTD to generate metrics which are commonly used to assess the performance of the transit system. We have used the following:

- Operating Expense per Train Revenue Mile
- Operating Expense per Train revenue Hour
- Operating Expense per Vehicle Revenue Mile
- Operating Expense per Vehicle Revenue Hour
- Operating Expense per Passenger Mile
- Unlinked Passenger Trips per Vehicle Revenue Mile

NTD differentiates between service efficiency and service effectiveness. Service efficiency is measured by Operating Expense per Vehicle Revenue Mile and Operating Expense per Vehicle Revenue Hour. Service effectiveness is measured by Operating Expense per Passenger Mile, Operating Expense per Unlinked Passenger Trip, Unlinked Trips per Vehicle Revenue Mile and Unlinked Trips per Vehicle Revenue Hour.

The financial performance of Commuter Rail systems has historically been measured on the basis of operating cost per train revenue mile. However, it should be noted that this metric contains a built in inaccuracy, as train length varies greatly among different systems. Well established commuter rail systems, in particular, tend to have robust ridership and are compelled to operate longer trains in order to provide the capacity necessary to serve the ridership demand. In recent years, the FTA has placed greater emphasis on a similar metric, operating cost per vehicle revenue mile, which tends to eliminate the distortion caused by varying train length. However, our candidate comparative systems tend to be relatively new with comparatively light ridership, so train lengths are fairly comparable.

### 4. ANALYSIS

### 4.1 **Performance Metrics Comparison**

Most of the North-South performance metrics are less favorable than those of the selected comparable systems. However, the service effectiveness as measured by Unlinked Trips per Vehicle Revenue Mile of both North South Options is relatively strong. The comparative results are shown in the following summary table:

	Performance Metrics Comparison Table														
					System										
	North-South	North-South			SunRail				Average						
Performance Metric	Option 1	Option 5B	Music City Star	Northstar	(2015)**	Coaster	Red Line	A-Train	Value						
OpEx per Train Revenue Mile	\$186.48	\$149.73	\$51.45	\$104.47	\$120.48	\$69.71	\$56.51	\$39.62	\$73.71						
OpEx per Train Revenue Hour	\$5,455.14	\$3,441.22	\$1,491.85	\$3,440.70	\$3,827.64	\$2,753.59	\$1,361.41	\$1,015.38	\$2,315.09						
OpEx per Vehicle Revenue Mile	\$46.62	\$49.91	\$21.68	\$28.82	\$52.93	\$13.84	\$56.51	\$19.87	\$32.28						
OpEx per Vehicle Revenue Hour	\$1,363.79	\$1,147.07	\$658.61	\$947.87	\$1,630.57	\$546.69	\$1,361.41	\$507.27	\$942.07						
OpEx per Passenger Mile	\$1.84	\$1.53	\$1.15	\$0.83		\$0.41	\$1.32	\$1.49	\$1.04						
Unlinked Trips per Veh-Rev-Mi	2.02	3.89	1.22	1.36		1.20	2.73	0.91	1.48						
*North-South Operating Costs are	e adjusted to e	liminate the th	ne costs of opera	ting connecti	ng bus service	and the cost o	of leasing loco	motives and o	coaches						
**SunRail started service in mid year 2014; Limited 2015 data is available.															

A more detailed analysis is presented in Appendix II.

### 4.2 Analysis of Specific Cost Elements

While, the proposed North-South Commuter System is shown to be more expensive to operate than its peer systems by the conventional metrics explored above. A more detailed comparison of the operating cost elements of North-South and its peer systems revels several elements that contribute significantly to the differences.

 General Administrative Cost and (Casualty and Liability Costs). The operating costs for the North-South system alternatives were developed, considering the system to be a new entity, rather than an arm of an existing transit agency. The planning team consulted with the insurance industry to get an accurate estimate of casualty and liability costs, and specifically liability insurance. We have estimated that the casualty and liability costs will be \$1.3 million for Option 1 and \$1.25 million for Option 5B. These values comprise a relatively large component of the total general administrative cost, specifically 43% in the case of Option 1 and almost 70% in the case of Option 5B. In contrast, the peer systems report rather widely varying casualty and liability costs, ranging from a low of \$25,000 for Austin Capital Metro to a high of \$1.56 million for CFRA SunRail. It appears that the specific allocation methodology chosen by the agency to allocate and report general administrative expenses among multiple modes has a significant effect on the value reported.

• Non-Vehicle Maintenance Costs. The non-vehicle maintenance costs include cost to maintain the track, bridge, signal, and grade crossing warning system infrastructure. The magnitude of the cost is influenced by the condition and age of the infrastructure. Costs can be compared across agencies on a route- mile basis. Our computations yield values of \$127,000 and \$171,000 per track mile for Options 1 and 5B, respectively. It is anticipated that the North-South Commuter System will be the primary user of the track and signal infrastructure between Ann Arbor (State St) and Howell. A nominal two freight trains per day are expected to operate on the system. Therefore, great majority of the maintenance costs have been assigned to the passenger service. The analysis reveals that commuter rail operators report a wide range of non-vehicle maintenance costs, ranging from a low of \$15,000 per route-mile to a high of \$289,000. Greater detail on the actual costs incurred and their allocation are required to understand this variation.

### 5. CONCLUSIONS

By all common metrics, the North-South Commuter Rail System will be relatively expensive to operate as compared to its peers. However, based on the predicted ridership, the system could provide a high level of service effectiveness as measured by unlinked trips per vehicle revenue mile. This is particularly true of Option 5B: Shuttle Service (two train sets), which yields a value of 3.89, which is almost twice that of the peer group average.

As noted early in this study, we have evaluated a stand-alone commuter rail system operating independently of any existing transit agency. The possibility exists that the system can be made to operate more efficiently in combination with another commuter route, such as the East-West line between Ann Arbor and Detroit. Such a combination would allow some efficiencies of scale and wider allocation of the relatively inelastic overhead costs. Similarly, operating the service under an existing multi-modal transit agency can achieve similar effects.

- <sup>v</sup> Ibid., page 46.
- <sup>vi</sup> Ibid., page 47.
- <sup>vii</sup> Ibid., page 51.
- viii Ibid., page 51.
- <sup>ix</sup> Ibid., page 64.

<sup>xi</sup> Ibid., page 66.

<sup>&</sup>lt;sup>i</sup> National Transit Database Policy Manual 2014 Reporting Year, page 1.

<sup>&</sup>quot; Ibid., page 2.

iii Ibid., page 28.

<sup>&</sup>lt;sup>iv</sup> Ibid., page 28.

<sup>&</sup>lt;sup>x</sup> Ibid., page 64.

### **APPENDIX I: PEER GROUP 2014 AGENCY PROFILES**

Prepared by Quandel Consultants, LLC for SmithGroupJJR, Inc. February 2, 2017

			General Into	ormation							Financial I	ntormatio	n
<b>Urbanized Area Statistics</b>	- 2010 Census	Servio	e Consumption	า		Database	Information		Sources of	of Operating	Funds Expended	(	Ορε
Nashville-Davidson, TN		13,838,105 <b>/</b>	Annual Passenge	r Miles (PMT)		NTDID:	40159		Fare	Revenues	\$2,249,416	24.4%	
563 Square Miles	5	619,589 <b>/</b>	Annual Unlinked 1	Γrips (UPT)		Reporter Type:	Full Reporter		L	ocal Funds	\$2,547,239	27.6%	
969,587 Population		2,443	Verage Weekday	Unlinked Trips					S	State Funds	\$1,196,560	13.0%	
44 Pop. Rank o	ut of 498 UZAs	0 🖌	Average Saturday	Unlinked Trips					Federal	Assistance	\$3,005,576	32.6%	
Other UZAs Served		0	Average Sunday L	Jnlinked Trips					С	ther Funds	\$219,646	2.4%	
241 Murfreesboro, TN; 0 Tenne	essee Non-UZA; 20	8 Clarksville, TN-KY						Total Ope	erating Fund	ds Expended	\$9,218,437	100.0%	1:
Service Area Statistics		Servio	e Supplied						Source	es of Capital	Funds Expended		
750 Square Miles	S	1,445,779 🖌	Annual Vehicle Re	evenue Miles (VRM)					Fare	Revenues	\$0	0.0%	
1,583,115 Population		36,110 🖌	Annual Vehicle Re	evenue Hours (VRH	)				L	ocal Funds	\$137,909	11.1%	
		77 \	/ehicles Operated	d in Maximum Servi	ce (VOMS)				S	State Funds	\$110,194	8.9%	
		102 <b>\</b>	/ehicles Available	e for Maximum Serv	vice (VAMS)				Federal	Assistance	\$992,406	80.0%	
					· · ·				С	ther Funds	\$0	0.0%	Ci
			Modal Chara	acteristics				Total (	Capital Fund	ds Expended	\$1,240,509	100.0%	
	Vehicles C	perated				_					_		
Modal Overview	Directly	n Service Purchased	Revenue	Use Systems and	s of Capital Fu Facilities and	nds			Summar	y of Operatin	ng Expenses (OE)		
Mode	Operated	Transportation	Vehicles	Guideways	Stations	Other	Total	ç	alary. Wage	es. Benefits	\$1,186,527	16.7%	
Commuter Bus	-	16 ~	\$0	\$0	\$138 575	\$0	\$138 575	-	Materials ar	nd Supplies	\$830 742	11.7%	
Commuter Rail	-	7	\$0 \$0	\$1,101,934	\$0	\$0 \$0	\$1,101,934	Pu	rchased Tra	nsportation	\$4 429 246	62.3%	8
Vanpool	-	54	\$0	\$0	\$0	\$0	\$0	Oth	er Operating	Expenses	\$659,614	9.3%	
Total		77	\$0	\$1,101,934	\$138.575	\$0	\$1.240.509	Тс	tal Operati	na Expenses	\$7,106,129	100.0%	
			<b>~~</b>	<i> </i>	<i> </i>	Ψ°	<i> </i>	Reconciling	OF Cash Ex	penditures	\$841,238		
								Pu	rchased Tra	nsportation	<i>\\\</i>		
								(Reported Separate			\$1,271,070 *		
<b>Operation Characteristics</b>								Fixed Guide	way Vehic	les Available	Vehicles Operated		
	Operating		Uses of	Annual	Annual	Annual Vehicle	Annual Vehicle	Directi	onal f	for Maximum	in Maximum		I
Mode	Expenses	Fare Revenues	Capital Funds	Passenger Miles	Unlinked Trins	Revenue Miles	Revenue Hours	Route N	liles	Service	Service	Snar	re V
Commuter Bus	\$1 908 343 ~	\$935,880 ~	\$138 575	5 240 653	197 963	278 273	9 498	noute n	0.0	17	16 ~	Opur	•••
Commuter Bail	\$4,332,322	\$691 698	\$1 101 934	3 776 278	243 133	199 870	6,578		62.8	15	7		
Vanpool	\$865 464	\$621,838	\$0	4 821 174	178 493	967 636	20.034		0.0	70	54		
Total	\$7,106,129	\$2,249,416	\$1,240,509	13,838,105	619,589	1,445,779	36,110		62.8	102	77		
Performance Measures		Se	rvice Efficiency	,						Service Effe	ectiveness		
	Opera	ting Expenses per	Opera	ting Expenses per		-	Operating Exp	enses per	Operating E	xpenses per	Unlinked	Trips per	
Mode	Veh	nicle Revenue Mile	Veh	icle Revenue Hour		Mode	Passe	enger Mile l	Jnlinked Pa	ssenger Trip	Vehicle Reve	enue Mile	v
Commuter Bus		\$6.86		\$200.92		Commuter Bus		\$0.36		\$9.64		0.7	
Commuter Rail		\$21.68		\$658.61		Commuter Rail		\$1.15		\$17.82		1.2	
Vanpool		\$0.89		\$43.20		Vanpool		\$0.18		\$4.85		0.2	
Total		\$4.92		\$196.79		Total		\$0.51		\$11.47		0.4	
Operating Expense per V Revenue Mile: Commute	ehicle r Rail \$2.00	Operating Expense Mile: Comm	per Passenger uter Rail	Unlinked Pass Revenue M	senger Trip per Veh /lile: Commuter Rail	icle O R \$15.00	perating Expense per \ Revenue Mile: Commute	/ehicle er Bus\$	0.50	rating Expense   Mile: Commu	per Passenger iter Bus 1.50	Unlinked Pas Revenue	ssen Mile

			General Info	ormation						Financial I	nformation
Urbanized Area Statistics -	2010 Census	13 838 105	e Consumption	ן r Milos (PMT)		Database	Information	So	urces of Operating	Funds Expended	<b>Ope</b>
563 Square Miles		13,030,103 F	Annual Fassenge	rine (LIPT)		Poportor Type:	Full Poportor			\$2,249,410 \$2,547,230	24.4 /0
060 597 <b>Deputation</b>		019,009 F	Waraga Waakday	(UPI) (Uplinked Trine		Reporter Type.			Stata Funda	φ2,047,209 ¢1 106 560	27.0%
909,007 Population	h of 400 1174 o	2,443 F	werage weekday	Unlinked Trips					Sidle Fullus	φ1,190,300 Φ2,005,570	
44 Pop. Rank ou	t of 498 UZAS	0 4	verage Saturday							\$3,005,576	32.0%
Other UZAs Served		<b>A</b> ()	Average Sunday (	Jnlinked Trips					Other Funds	\$219,646	2.4%
241 Murfreesboro, TN; 0 Tennes	see Non-UZA; 20	8 Clarksville, TN-KY						Total Operat	ng Funds Expended	\$9,218,437	100.0%
Service Area Statistics		Servic	e Supplied						Sources of Capital	Funds Expended	
750 Square Miles		1,445,779 <b>/</b>	Annual Vehicle Re	evenue Miles (VRM)					Fare Revenues	\$0	0.0%
1,583,115 Population		36,110 <b>A</b>	Annual Vehicle Re	evenue Hours (VRH)					Local Funds	\$137,909	11.1%
		77 <b>V</b>	ehicles Operated	d in Maximum Servi	ce (VOMS)		State Funds	\$110,194	8.9%		
		102 <b>V</b>	ehicles Available	e for Maximum Serv	ice (VAMS)			Federal Assistance	\$992,406	80.0%	
					. ,			Other Funds	\$0	0.0% Ca	
			Modal Chara	actoristics				Total Can	tal Funde Expanded	¢1 240 500	100.0%
	Vehicles C	Operated						i Otai Cap		φ1,240,309	
Modal Overview	in Maximun	n Service		Use	s of Capital Fu	nds		S	ummary of Operati	ng Expenses (OE)	
	Directly	Purchased	Revenue	Systems and	Facilities and						
Mode	Operated	Transportation	Vehicles	Guideways	Stations	Other	Total	Sala	y, Wages, Benefits	\$1,186,527	16.7%
Commuter Bus	-	16 ~	\$0	\$0	\$138,575	\$0	\$138,575	Mat	erials and Supplies	\$830,742	11.7%
Commuter Rail	-	7	\$0	\$1,101,934	\$0	\$0	\$1,101,934	Purcha	sed Transportation	\$4,429,246	62.3%
Vanpool	-	54	\$0	\$0	\$0	\$0	\$0	Other C	perating Expenses	\$659,614	9.3%
otal	-	77	<b>\$0</b>	\$1,101,934	\$138,575	\$0	\$1,240,509	Total	<b>Operating Expenses</b>	\$7,106,129	100.0%
								Reconciling OE	Cash Expenditures	\$841,238	
								Purcha	sed Transportation		
								(Re	eported Separately)	\$1,271,070	*
<b>Operation Characteristics</b>								Fixed Guideway	Vehicles Available	Vehicles Operated	
	Operating		Uses of	Annual	Annual	Annual Vehicle	Annual Vehicle	Directiona	for Maximum	in Maximum	,
Mode	Expenses	Fare Revenues	Capital Funds	Passenger Miles	Unlinked Trins	Revenue Miles	Revenue Hours	Route Miles	Service	Service	Snare V
Commuter Bus	\$1 008 3/3 ~	\$935 880 ~	\$138 575	5 240 653	107 063	278 273	0 /08		) 17		
Commuter Bail	\$1,300,343	\$601 608	\$1.00,070 \$1.101.03 <i>1</i>	3 776 278	2/13 133	100,273	6,578	62.8	2 15	7	
Vannool	Ψ <del>4</del> ,352,322 \$865 <i>λ</i> 6 <i>λ</i>	\$621,838	φ1,101,904 ΦΩ	<i>A</i> 821 17 <i>A</i>	178 /03	967 636	20.034	02.0	70 TO	54	
Total	\$7 106 129	\$2 249 416	¢0 \$1 240 509	13 838 105	610 580	1 445 779	20,034	62.5	102	77	
lotal	φ7,100,123	<i>φ2</i> ,2 <del>4</del> <i>3</i> ,410	ψ1,240,303	13,030,103	013,303	1,443,773	30,110	02.0	102		
Performance Measures		Sei	vice Efficiency	,		_			Service Eff	ectiveness	
	Opera	ting Expenses per	Opera	ating Expenses per			Operating Exp	enses per Ope	rating Expenses per	Unlinked	Trips per
Mode	Veh	nicle Revenue Mile	Veh	icle Revenue Hour		Mode	Passe	enger Mile Unli	nked Passenger Trip	Vehicle Revo	enue Mile V
Commuter Bus		\$6.86		\$200.92		Commuter Bus		\$0.36	\$9.64		0.7
Commuter Rail		\$21.68		\$658.61		Commuter Rail		\$1.15	\$17.82		1.2
Vanpool		\$0.89		\$43.20		Vanpool		\$0.18	\$4.85		0.2
Total		\$4.92		\$196.79		Total		\$0.51	\$11.47		0.4
Operating Expense per Vel Revenue Mile: Commuter	nicle Rail	Operating Expense Mile: Commu	per Passenger uter Rail	Unlinked Pass Revenue M	enger Trip per Veh 1ile: Commuter Rail	icle O	perating Expense per v evenue Mile: Commut	√ehicle er Bus	Operating Expense Mile: Commu	per Passenger iter Bus	Unlinked Passer Revenue Mile
25.00	\$2.00			1.50		\$15.00		\$0.50 \$0.40		1.50	

	<b>Operating Expenses per</b>	Operating Expenses per								
Mode	Vehicle Revenue Mile	Vehicle Revenue Hour								
Commuter Bus	\$6.86	\$200.92								
Commuter Rail	\$21.68	\$658.61								
Vanpool	\$0.89	\$43.20								
Total	\$4.92	\$196.79								



### Notes:

<sup>1</sup>Demand Response - Taxi (DT) and non-dedicated fleets do not report fleet age data.

"Excludes data for purchased transportation filed separately.

\*This agency has a purchased transportation relationship in which they buy service from Metropolitan Transit Authority (NTDID: 40004), and in which the data are captured in another report for mode CB/PT.

# Regional Transportation Authority (RTA) 2014 Annual Agency Profile



Urbanized Area Statistic	s - 2010 Census	Servi	ce Consumption			Database	Information	Sou	Irces of Operating	Funds Expended	Op
Minneapolis-St. Paul, MN-WI		374,842,330	Annual Passenge	r Miles (PMT)		NTDID:	50027		Fare Revenues	\$93,601,193	26.1%
1,022 Square Mil	es	84,535,513	Annual Unlinked	rips (UPT)		Reporter Type:	Full Reporter		Local Funds	\$23,239,773	6.5%
2,650,890 <b>Population</b>		273,0367	Average Weekday	Unlinked Trips				_	State Funds	\$230,940,263	64.4%
16 <b>Pop. Rank</b>	out of 498 UZAS	162,025	Average Saturday	Unlinked Trips				F	ederal Assistance	\$3,974,636	1.1%
		117,666	Average Sunday l	Jnlinked Trips					Other Funds	\$6,756,258	1.9%
								Total Operatir	ng Funds Expended	\$358,512,123	100.0%
Service Area Statistics		Servio	ce Supplied					5	Sources of Capital	Funds Expended	
657 Square Mil	les	28,508,353	Annual Vehicle Re	evenue Miles (VRM)	1				Fare Revenues	\$0	0.0%
1,843,207 Population	1	2,392,470	Annual Vehicle Re	evenue Hours (VRH	)				Local Funds	\$37,554,825	15.9%
		861 \	Vehicles Operated	l in Maximum Servi		State Funds	\$19,697,273	8.3%			
		1,015	Vehicles Available	e for Maximum Serv	F	ederal Assistance	\$179,485,079	75.8%			
									Other Funds	\$0	0.0% C
			Modal Chara	acteristics				Total Capit	al Funds Expended	\$236,737,177	100.0%
	Vehicles C	Operated									
Modal Overview	in Maximur	n Service		Use	s of Capital Fu	nds		Su	mmary of Operation	ng Expenses (OE)	
	Directly	Purchased	Revenue	Systems and	Facilities and						
Mode	Operated	Transportation	Vehicles	Guideways	Stations	Other	Total	Salary	v, Wages, Benefits	\$273,251,327	79.2%
Commuter Rail	-	20	\$0	\$7,206,489	\$227,683	\$0	\$7,434,172	Mate	erials and Supplies	\$48,672,982	14.1%
Light Rail	72	-	\$46,782,124	\$106,477,945	\$2,792,273	\$2,579,315	\$158,631,657	Purchas	sed Transportation	\$3,628,193	1.1%
Bus	769	-	\$38,688,751	\$8,474,808	\$21,670,876	\$1,836,913	\$70,671,348	Other Op	perating Expenses	\$19,384,396	5.6%
Total	841	20	\$85,470,875	\$122,159,242	\$24,690,832	\$4,416,228	\$236,737,177	Total C	<b>Operating Expenses</b>	\$344,936,898	100.0%
								Reconciling OE C	Cash Expenditures	\$13,575,222	
								Purchas	sed Transportation		
								(Re	ported Separately)	\$0	
<b>Operation Characteristic</b>	S							Fixed Guideway	Vehicles Available	Vehicles Operated	
	Operating		Uses of	Annual	Annual	Annual Vehicle	Annual Vehicle	Directional	for Maximum	in Maximum	
Mode	Expenses	Fare Revenues	<b>Capital Funds</b>	Passenger Miles	Unlinked Trips	<b>Revenue Miles</b>	<b>Revenue Hours</b>	Route Miles	Service	Service	Spare \
Commuter Rail	\$15,238,880	\$2,349,875	\$7,434,172	18,259,201	721,214	528,744	16,077	77.9	24	20	•
Light Rail	\$48,918,097	\$15,405,531	\$158,631,657	72,641,886	15,999,993	4,005,704	329,077	44.3	86	72	
Bus	\$280,779,921	\$75,845,786	\$70,671,348	283,941,243	67,814,306	23,973,905	2,047,316	4.7	905	769	
Total	\$344,936,898	\$93,601,192	\$236,737,177	374,842,330	84,535,513	28,508,353	2,392,470	126.9	1,015	861	
Performance Measures		Se	rvice Efficiency			_			Service Effe	ectiveness	
	Opera	ting Expenses per	Opera	ting Expenses per			Operating Exp	enses per Oper	ating Expenses per	Unlinked	Trips per

	Opera	ting Expenses per	Opera	ting Expenses per		-	Operating Exp	enses per Opera	ating Expenses per	Unlinked	Trips per					
Performance Measures		Sei	vice Efficiency						Service Effe	ectiveness						
lotal	\$344,936,898	\$93,601,192	\$236,737,177	374,842,330	84,535,513	28,508,353	2,392,470	126.9	1,015	861						
Bus	\$280,779,921	\$75,845,786	\$70,671,348	283,941,243	67,814,306	23,973,905	2,047,316	4.7	905	769						
Light Rail	\$48,918,097	\$15,405,531	\$158,631,657	72,641,886	15,999,993	4,005,704	329,077	44.3	86	72						
Commuter Rail	\$15,238,880	\$2,349,875	\$7,434,172	18,259,201	721,214	528,744	16,077	77.9	24	20						
Mode	Expenses	Fare Revenues	<b>Capital Funds</b>	Passenger Miles	Unlinked Trips	<b>Revenue Miles</b>	<b>Revenue Hours</b>	Route Miles	Service	Service	Spare \					
	Operating		Uses of	Annual	Annual	Annual Vehicle	Annual Vehicle	Directional	for Maximum	in Maximum						
<b>Operation Characteristics</b>	5									Vehicles Operated						
			,,	· · , · · · , _ · ·	<i>~~~</i> ,,	<i>, , , , , , , , , , , , , , , , , , , </i>	<i>~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~</i>	Reconciling OE C Purchas (Rec	ed Transportation	\$13,575,222 \$0						
Total	841	20	\$85,470,875	\$122,159,242	\$24,690,832	<b>\$4,416,228</b>	\$236.737.177	Total O	perating Expenses	\$344.936.898	100.0%					
Bus	769	-	\$38 688 751	\$8 474 808	\$21 670 876	\$1,836,913	\$70 671 348	Other On	erating Expenses	\$19,384,396	5.6%					
Light Rail	- 72	-	φ0 \$46 782 124	\$106 477 945	\$2 792 273	φυ \$2 579 315	\$158 631 657	Purchas	ed Transportation	\$3 628 193	1 1%					
Commuter Rail	operated -	20	venicies دم	\$7 206 489	\$227 683		\$7 /3/ 172	Salary Mata	rials and Supplies	\$18 672 982	1/ 1%					
Mode	Operated	Transportation	Vehicles	Guideways	Stations	Other	Total	Salary	Wages Benefits	¢273 251 327	70.2%					
		n Service Purchasod	Povonuo	USes Systems and	S of Capital Fur	105		Su	mmary of Operation	ng Expenses (OE)						
Medel Overview					a of Conital Eur	ada		<b>C</b>	mmon, of Operativ							
	Vohiolos C	Derated						i otal Capita		φ <b>230,131,111</b>						
			Modal Chara	octoristics			Total Capit	Other Funds	\$0 \$226 727 177	0.0% <b>C</b> 100.0%						
		1,015 <b>V</b>	ehicles Available	e for Maximum Serv	ice (VAMS)			F	ederal Assistance	\$179,485,079	75.8%					
		861 V	ehicles Operated	I in Maximum Servio	ce (VOMS)			_	State Funds	\$19,697,273	8.3%					
1,843,207 Population		2,392,470 <b>/</b>	Annual Vehicle Re	evenue Hours (VRH)					Local Funds	\$37,554,825	15.9%					
657 Square Mile	S	28,508,353 <b>A</b>	Annual Vehicle Re	evenue Miles (VRM)					Fare Revenues	\$0	0.0%					
Service Area Statistics		Servic	e Supplied					S	Sources of Capital	Funds Expended						
			• •					<b>Total Operatin</b>	g Funds Expended	\$358,512,123	100.0%					
· · · · ·		117,666 <b>A</b>	verage Sunday L	Jnlinked Trips					Other Funds	\$6,756,258	1.9%					
16 Pop. Rank o	out of 498 UZAs	162,025 <b>/</b>	verage Saturday	Unlinked Trips				F	ederal Assistance	\$3,974,636	1.1%					
2,650,890 <b>Population</b>	-	273,036 <b>A</b>	verage Weekday	Unlinked Trips					State Funds	\$230,940,263	64.4%					
1.022 Square Mile	S	84.535.513 <b>/</b>	nnual Unlinked T	rips (UPT)		Reporter Type:	Full Reporter		Local Funds	\$23,239,773	6.5%					
Minneapolis-St. Paul. MN-WI		374.842.330	Annual Passenger	· Miles (PMT)		NTDID:	50027		Fare Revenues	\$93.601.193	26.1%					
<b>Urbanized Area Statistics</b>	- 2010 Census	Servio	e Consumption	)		Database	Information	Sou	rces of Operating	Funds Expended	Op					
								Financial Informati								

	Operating Expenses per	<b>Operating Expenses per</b>
Mode	Vehicle Revenue Mile	Vehicle Revenue Hour
Commuter Rail	\$28.82	\$947.87
Light Rail	\$12.21	\$148.65
Bus	\$11.71	\$137.15
Total	\$12.10	\$144.18



Notes:

<sup>1</sup>Demand Response - Taxi (DT) and non-dedicated fleets do not report fleet age data.

Mode	Operating Expenses per Passenger Mile	Operating Expenses per Unlinked Passenger Trip	Unlinked Trips per Vehicle Revenue Mile	v
Commuter Rail	\$0.83	\$21.13	1.4	-
Light Rail	\$0.67	\$3.06	4.0	
Bus	\$0.99	\$4.14	2.8	
Total	\$0.92	\$4.08	3.0	

Trip per Vehicle le: Bus	Operating Expense per Vehicle Revenue Mile: Light Rail								Operating Expense per Passenger Mile: Light Rail									Unlinked Passe Revenue									
	\$15.00									-0.		- \$0.80											6.00				
	\$10.00	-										\$0.60											4.00				
	ψ10.00											\$0.40															
	\$5.00											\$0.20											2.00				
	00.02											_ \$0.00											0.00				
10 11 12 13 14	φ0.00	05	06	07	80	09	10	11	12	13	14	ψυισσ	05	06	07	08	09	10	11	12	13	14		05	06	07	08



			General Info	ormation						Financial I	nformatio	on
<b>Urbanized Area Statistic</b>	cs - 2010 Census	Servio	e Consumption	n		Database	Information	Sou	rces of Operating	Funds Expended		Ope
Orlando, FL		178,129,638 <b>/</b>	Annual Passenge	r Miles (PMT)		NTDID:	40035		Fare Revenues	\$29,081,116	24.4%	
598 Square M	iles	30,141,247	Annual Unlinked <sup>-</sup>	Trips (UPT)		Reporter Type:	Full Reporter		Local Funds	\$51,992,837	43.6%	
1,510,516 <b>Populatio</b>	n	96,419 <b>/</b>	Average Weekday	/ Unlinked Trips			•		State Funds	\$18,900,180	15.9%	
32 <b>Pop. Ranl</b>	c out of 498 UZAs	64,623 <b>A</b>	Average Saturday	/ Unlinked Trips				F	ederal Assistance	\$16,257,850	13.6%	
Other UZAs Served		40.748	Average Sunday I	Unlinked Trips					Other Funds	\$2.947.245	2.5%	
117 Kissimmee, FL: 0 Florida	a Non-UZA							Total Operatin	a Funds Expended	\$119.179.228	100.0%	1
,,,.,									<b>3</b> · · · · · · · · · · · · · · · · · · ·	·····		
Service Area Statistics		Servic	e Supplied					S	Sources of Capital	Funds Expended		
2.538 Square M	iles	26.583.075 <b>/</b>	Annual Vehicle Re	cle Revenue Miles (VRM)					Fare Revenues	\$0	0.0%	
1,959,812 <b>Populatio</b>	n	1.730.506 <b>A</b>	Annual Vehicle Re	evenue Hours (VRH)					Local Funds	\$4,170,762	12.2%	
, , <b>-</b>		610 <b>V</b>	ehicles Operate	s Operated in Maximum Service (VOMS)					State Funds	\$2,528,405	7.4%	
		698 V	/ehicles Available	e for Maximum Serv	ice (VAMS)			F	ederal Assistance	\$27,585,879	80.5%	
									Other Funds	\$0	0.0%	Ca
			Modal Char	acteristics				Total Capit	al Funds Expended	\$34 285 046	100.0%	
	Vehicles O	nerated	modul onul					i otar oapit		<b>407,200,070</b>		
Modal Overview	in Maximum	Service		العم	s of Canital Fu	nds		Su	mmary of Operation	ng Expenses (OF)		
	Directly	Purchased	Revenue	Systems and	Facilities and	1143		Ou Ou				
Mode	Operated	Transportation	Vehicles	Guideways	Stations	Other	Total	Salary	Wades Renefits	\$69 212 102	57 7%	
Commuter Bus	-	2	0 <i>2</i>	\$0	012 0	0000 \$0	10tai \$0	Mate	rials and Supplies	\$23 620 914	19.7%	
Demand Response	-	221	\$2 239 890	\$36,366	\$0 \$0	\$35,277	\$2 311 533	Purchas	ed Transportation	\$22,020,014	18.7%	8
Bus	237 <sup>2</sup>	14 2	\$12,200,000	\$2,493,713	\$612,257	\$2,141,005	\$17,519,981	Other Or	perating Expenses	\$4,671,796	3.9%	
Bus Rapid Transit	9	-	\$8,159,943	\$2,768,141	\$0	\$1.209.037	\$12,137,121	Total C	perating Expenses	\$119.888.007	100.0%	
Vanpool	-	127	\$2.316.411	\$0	\$0	\$0	\$2.316.411	Reconciling OE C	ash Expenditures	-\$708.779		
Total	246	364	\$24,989,250	\$5,298,220	\$612,257	\$3,385,319	\$34,285,046	Purchas	ed Transportation	<i> </i>		
			. , ,		. ,		. , ,	(Rep	oorted Separately)	\$0		
Operation Characteristi	CS							Fixed Guideway	Vehicles Available	Vehicles Operated		_
	Operating		Uses of	Annual	Annual	Annual Vehicle	Annual Vehicle	Directional	for Maximum	in Maximum	_	F
Mode	Expenses	Fare Revenues	Capital Funds	Passenger Miles	Unlinked Trips	Revenue Miles	Revenue Hours	Route Miles	Service	Service	Spa	are V
Commuter Bus	\$314,544	\$7,619	\$0	60,636	2,968	26,068	1,053	0.0	3	2		
Demand Response	\$24,557,424	\$1,776,613	\$2,311,533	9,966,233	774,015	9,336,051	564,321	0.0	240	221		
Bus	\$91,525,654 <sup>2</sup>	\$27,296,885 <sup>2</sup>	\$17,519,981	155,989,136	27,987,503	14,836,301	1,072,977	0.6	298	251 2	2	
Bus Rapid Transit	\$2,319,281	\$0	\$12,137,121	976,632	1,043,348	175,809	32,073	5.9	9	9		
Vanpool	\$1,171,104	\$451,751	\$2,316,411	11,137,001	333,413	2,208,846	60,082	0.0	148	127		
lotal	\$119,888,007	<b>\$29,532,808</b>	<b>\$34,283,040</b>	178,129,038	30,141,247	20,383,075	1,730,506	<b>C.0</b>	090	010		
Performance Measures		Sei	rvice Efficiency	/					Service Eff	ectiveness		
	Operat	ing Expenses per	Opera	ating Expenses per		-	Operating Exp	enses per Oper	ating Expenses per	Unlinked	Trips per	
Mode	Veh	icle Revenue Mile	Veh	nicle Revenue Hour		Mode	Passe	enger Mile Unlin	ked Passenger Trip	Vehicle Revo	enue Mile	V
Commuter Bus		\$12.07		\$298.71		Commuter Bus		\$5.19	\$105.98		0.1	
Demand Response		\$2.63		\$43.52		Demand Response	e	\$2.46	\$31.73		0.1	
Bus		\$6.17		\$85.30		Bus		\$0.59	\$3.27		1.9	
Bus Rapid Transit		\$13.19		\$72.31		Bus Rapid Transit		\$2.37	\$2.22		5.9	
Vanpool		\$0.53		\$19.49		Vanpool		\$0.11	\$3.51		0.2	

			General Info	ormation						Financial I	nformatio	on
<b>Urbanized Area Statistic</b>	cs - 2010 Census	Servic	e Consumption	า		Database I	nformation	Sou	rces of Operating	Funds Expended		Ορε
Orlando. FL		178.129.638 <b>A</b>	nnual Passenge	r Miles (PMT)		NTDID: 4	10035		Fare Revenues	\$29.081.116	24.4%	
598 Square M	iles	30.141.247	nnual Unlinked	Trips (UPT)		Reporter Type: F	Full Reporter		Local Funds	\$51,992,837	43.6%	
1.510.516 <b>Populatio</b>	n	96,419 <b>A</b>	verage Weekday	Unlinked Trips					State Funds	\$18,900,180	15.9%	
32 Pon Ran	k out of 498 UZAs	64 623	verage Saturday	Unlinked Trips				F	ederal Assistance	\$16 257 850	13.6%	
Other UZAs Served		40 749 <b>A</b>	worago Sunday I	Inlinked Trins				I I	Othor Fundo	¢2047.245	2.5%	
117 Kingimman El : O Florid		40,740 <b>F</b>	werage Sunday (	Jillinkeu mps				Total Operation		φΖ,947,240	2.5%	1
TT7 KISSIMMee, FL; U FIOND	a Non-UZA							i otal Operatin	g runas Expended	\$119,179,228	100.0%	
Service Area Statistics		Servic	e Supplied					S	ources of Capital	Funds Expended		
2.538 Square M	iles	26.583.075 <b>A</b>	nnual Vehicle Re	evenue Miles (VRM)					Fare Revenues	• \$0	0.0%	
1.959.812 <b>Populatio</b>	n	1.730.506	nnual Vehicle Re	evenue Hours (VRH)					Local Funds	\$4,170,762	12.2%	
·,;		610 <b>V</b>	ehicles Operated	d in Maximum Servi	, ce (VOMS)				State Funds	\$2 528 405	7 4%	
		698 V	ehicles Available	e for Maximum Serv	ice (VAMS)			F	ederal Assistance	\$27 585 879	80.5%	
		000							Other Funds	¢27,000,070 \$0	0.0%	C
			Modal Char	acteristics				Total Capit	al Funds Expended	\$34 285 046	100.0%	
	Vehicles O	perated	modal onar					rotar capit		<b>\$34</b> ,203,040		
Modal Overview in Maximum Service Uses of Ca					s of Capital Fu	nds		Su	mmary of Operati	ng Expenses (OE)		
	Directly	Purchased	Revenue	Systems and	Facilities and							
Mode	Operated	Transportation	Vehicles	Guideways	Stations	Other	Total	Salarv	. Wages, Benefits	\$69.212.102	57.7%	
Commuter Bus	· _	. 2	\$0	\$0	\$0	\$0	\$0	Mate	rials and Supplies	\$23,620,914	19.7%	
Demand Response	-	221	\$2,239,890	\$36,366	\$0	\$35.277	\$2,311,533	Purchas	ed Transportation	\$22,383,195	18.7%	8
Bus	237 <sup>2</sup>	14 2	\$12,273,006	\$2,493,713	\$612,257	\$2,141,005	\$17,519,981	Other Or	erating Expenses	\$4,671,796	3.9%	
Bus Rapid Transit	9	_	\$8,159,943	\$2,768,141	\$0	\$1,209,037	\$12,137,121	Total O	perating Expenses	\$119.888.007	100.0%	
Vannool	-	127	\$2,316,411	\$0	\$0	\$0	\$2 316 411	Reconciling OF C	ash Expenditures	-\$708 779	1001070	
Total	246	364	\$24 989 250	\$5 298 220	\$612 257	\$3 385 319	\$34 285 046	Purchas	ed Transportation	<i>\\\</i>		
lotar	240		φ <b>2</b> -1,000,200	<i><b>4</b>0,200,220</i>	<b><i>Q</i>(12,20)</b>	\$0,000,010	<i>\\</i> 0-1,200,0-10	(Rep	orted Separately)	\$0		
								、 ·	,			
<b>Operation Characteristi</b>	CS							Fixed Guideway	Vehicles Available	Vehicles Operated		
	Operating		Uses of	Annual	Annual	Annual Vehicle	Annual Vehicle	Directional	for Maximum	in Maximum		F
Mode	Expenses	Fare Revenues	Capital Funds	Passenger Miles	Unlinked Trips	<b>Revenue Miles</b>	<b>Revenue Hours</b>	Route Miles	Service	Service	Sp	are V
Commuter Bus	\$314,544	\$7,619	\$0	60,636	2,968	26,068	1,053	0.0	3	2		
Demand Response	\$24,557,424	\$1,776,613	\$2,311,533	9,966,233	774,015	9,336,051	564,321	0.0	240	221		
Bus	\$91,525,654 <sup>2</sup>	\$27,296,885 <sup>2</sup>	\$17,519,981	155,989,136	27,987,503	14,836,301	1,072,977	0.6	298	251 <sup>2</sup>	2	
Bus Rapid Transit	\$2,319,281	\$0	\$12,137,121	976,632	1,043,348	175,809	32,073	5.9	9	9		
Vanpool	\$1,171,104	\$451,751	\$2,316,411	11,137,001	333,413	2,208,846	60,082	0.0	148	127		
Total	\$119,888,007	\$29,532,868	\$34,285,046	178,129,638	30,141,247	26,583,075	1,730,506	6.5	698	610		
Performance Measures		Ser	vice Efficiency	,					Service Effe	ectiveness		
	Operat	ing Expenses per	Opera	ating Expenses per		_	Operating Exp	enses per Opera	ating Expenses per	Unlinked	Trips per	
Mode	Veh	icle Revenue Mile	Veh	icle Revenue Hour		Mode	Passe	enger Mile Unlinl	ked Passenger Trip	Vehicle Revo	enue Mile	V
Commuter Bus		\$12.07		\$298.71		Commuter Bus		\$5.19	\$105.98		0.1	
Demand Response		\$2.63		\$43.52		Demand Response	)	\$2.46	\$31.73		0.1	
Bus		\$6.17		\$85.30		Bus		\$0.59	\$3.27		1.9	
Bus Rapid Transit		\$13.19		\$72.31		Bus Rapid Transit		\$2.37	\$2.22		5.9	
Vannool		\$0.53		\$10.40		Vannool		¢0 11	\$3.51		0.2	

	<b>Operating Expenses per</b>	<b>Operating Expenses per</b>
Mode	Vehicle Revenue Mile	Vehicle Revenue Hour
Commuter Bus	\$12.07	\$298.71
Demand Response	\$2.63	\$43.52
Bus	\$6.17	\$85.30
Bus Rapid Transit	\$13.19	\$72.31
Vanpool	\$0.53	\$19.49
Total	\$4.51	\$69.28



Total

### Notes:

<sup>1</sup>Demand Response - Taxi (DT) and non-dedicated fleets do not report fleet age data.

<sup>2</sup>Includes data for a contract with another reporter.

\*This agency has a purchased transportation relationship in which they sell service to Polk County Transit Services Division - Polk County Board of County Commissioners (NTDID: 40127), and in which the data are captured in this report for mode MB/PT. \*This agency has a purchased transportation relationship in which they sell service to County of Volusia, dba: VOTRAN (NTDID: 40032), and in which the data are captured in this report for mode MB/DO.

# Central Florida Regional Transportation Authority (LYNX)

\$0.67

\$3.98

2014 Annual Agency Profile



14

13

1.1

			General Info	ormation						Financial I	nformation
Urbanized Area Statistics	- 2010 Census	Servi	ce Consumption	1		Database	Information	Sou			
San Diego. CA		112.124.786	Annual Passenge	r Miles (PMT)		NTDID:	90030		Fare Revenues	\$19.274.834	23.1%
732 Square Mile	es	12.528.480	Annual Unlinked	Trips (UPT)		Reporter Type:	Full Reporter		Local Funds	\$40.016.273	47.9%
2.956.746 <b>Population</b>		40.441	Average Weekday	Unlinked Trips <sup>a</sup>					State Funds	\$5.771.888	6.9%
15 Pop. Rank	out of 498 UZAs	20.941	Average Saturday	Unlinked Trips <sup>a</sup>				F	ederal Assistance	\$15.606.957	18.7%
Other UZAs Served		16 971	Average Sunday I	Inlinked Trins <sup>a</sup>					Other Funds	\$2 820 402	3.4%
0 California Non-UZA		10,0717	Average canady (					Total Operatin	g Funds Expended	\$83,490,354	100.0%
Service Area Statistics		Servio	e Supplied					S			
403 Square Mile	es	9,093,570	Annual Vehicle Re	evenue Miles (VRM)					Fare Revenues	\$0	0.0%
849,420 Population		584,207	Annual Vehicle Re	evenue Hours (VRH	)				Local Funds	\$6,273,540	23.6%
•		227	Vehicles Operated	d in Maximum Šervi	ice (VOMS)				State Funds	\$10,013,493	37.7%
		271	Vehicles Available	e for Maximum Serv	vice (VAMS)			F	ederal Assistance	\$10,290,420	38.7%
					. ,				Other Funds	\$0	0.0% C
			Modal Chara	acteristics				Total Capit	al Funds Expended	\$26,577,453	100.0%
Madal Overview	Vehicles O	perated			a of Conital Eu	ndo		Summary of Operating Exponses (OF			
		Burchasod	Boyonuo	Systems and	Eacilition and	nus		Su	minary of Operatin	ig Expenses (UE)	
Modo	Operated	Transportation	Vehicles	Guideways	Facilities and Stations	Other	Total	Salary Wages Benefits		¢21 007 541	25 7%
Commuter Pail	Operated	74		¢18 /30 857	\$117 151	¢51 108	\$18 0/3 580	Salary Mata	rials and Supplies	φ21,007,341 \$7,336,702	23.7 %
Demand Response	-	24	ወገ4,401 ድር	φ10,430,037 \$0	φ447,134 \$0	¢51,106 ¢۵	ቁ 10,943,560 የበ	Purchas	ad Transportation	\$7,330,792 \$47,271,020	9.0 <i>%</i> 54.2%
Demand Response - Taxi	_	50	Φ Φ Φ	οφ ΟΩΣ 772	ንር ዓር	ወቆ በ 2	φυ \$77 300	Ather Or	erating Expenses	φ44,271,920 \$0,127801	11 2%
Bus	_	137	φ0 \$2.469.210	\$843,190	\$2 300 035	\$10 640	\$5 623 075		perating Expenses	\$9,124,091 \$81 741 144	100.0%
Hybrid Rail		8	\$1 275 904	\$300 043	\$166 417	\$92 134	\$1,023,073 \$1,033, <u>4</u> 08	Reconciling OF C	ash Expenditures	\$1 749 210	100.070
Total	_	227	\$3 759 575	\$19 750 390	\$2 913 606	\$153 882	\$26 577 453	Purchas	ed Transportation	$\psi$ 1,743,210	
			<i><b>\u03e9</b></i>	<i>Q</i> 10,700,000	Ψ2,010,000	\$100,00Z	<i>\\</i> 20,017,400	(Rep	oorted Separately)	\$0	
<b>Operation Characteristics</b>	5							Fixed Guideway	Vehicles Available	Vehicles Operated	
	Operating		Uses of	Annual	Annual	Annual Vehicle	Annual Vehicle	Directional	for Maximum	in Maximum	1
Mode	Expenses	Fare Revenues	<b>Capital Funds</b>	Passenger Miles	Unlinked Trips	<b>Revenue Miles</b>	<b>Revenue Hours</b>	Route Miles	Service	Service	Spare V
Commuter Rail	\$19,308,163	\$7,627,368	\$18,943,580	47,124,736	1.673.816	1,394,955	35,318	82.2	35	24	•
Demand Response	\$547,868	\$43,513	\$0	55,879	14,066	53,428	3,652	0.0	8	8	
Demand Response - Taxi	\$4,789,180	\$567,826	\$77,300	1,514,976	154,162	1,400,480	75,285	0.0	50	50	
Bus	\$42,064,413	\$8,272,553	\$5,623,075	41,251,051	8,135,330	5,568,575	439,172	0.0	166	137	
Hybrid Rail	\$15,031,520	\$2,763,574	\$1,933,498	22,178,144	2,551,106	676,132	30,780	44.0	12	8	
Total	\$81,741,144	\$19,274,834	\$26,577,453	112,124,786	12,528,480	9,093,570	584,207	126.2	271	227	
Performance Measures	leasures Service Efficiency								Service Effe	ectiveness	
	Operat	ing Expenses per	Opera	ting Expenses per			Operating Exp	enses per Opera	ating Expenses per	Unlinked	Trips per
Mode	Veh	icle Revenue Mile	Veh	icle Revenue Hour		Mode	Passe	enger Mile Unlin	ked Passenger Trip	Vehicle Reve	∍nue Mile V
Commuter Rail		\$13.84		\$546.69		Commuter Rail		\$0.41	\$11.54		1.2
Demand Response		\$10.25		\$150.02		Demand Respons	0	08 02	¢38 05		03

			General Info	ormation						Financial I	nformation		
Urbanized Area Statistics	s - 2010 Census	Servi	ce Consumptio	n		Database	Information	Sou					
San Diego CA		112 124 786	Annual Passenge	r Miles (PMT)		NTDID:	90030	000	Fare Revenues	\$19 274 834	23.1%		
732 Square Mil	es	12 528 480	Annual Unlinked	Trips (UPT)		Reporter Type:	Full Reporter		Local Funds	\$40,016,273	47.9%		
2 956 746 <b>Population</b>		40 441	Average Weekday	/ Unlinked Trips <sup>a</sup>					State Funds	\$5 771 888	6.9%		
15 Pop Rank	out of 498 UZAs	20 941	Average Saturday	Unlinked Trips <sup>a</sup>				F	ederal Assistance	\$15,606,957	18.7%		
Other UZAs Served		16 071	Average Sunday	Inlinkod Trine <sup>a</sup>					Othor Funds	¢70,000,007 ¢2,820,402	3 10/		
0 California Non 1174		10,9717	Average Sunday	Juniked mps-				Total Operation		φ2,020,402 \$82,400,254	100.0%		
0 California Non-OZA								rotal Operatin	<b>\$03,490,334</b>	100.0%			
Service Area Statistics		Servio	ce Supplied					S	ources of Capital	rces of Capital Funds Expended			
403 Square Mil	es	9.093.570	Annual Vehicle R	evenue Miles (VRM)					Fare Revenues	• \$0	0.0%		
849.420 Population		584.207	Annual Vehicle R	evenue Hours (VRH	)				Local Funds	\$6.273.540	23.6%		
, <b>-</b>		227	Vehicles Operate	d in Maximum Servi	, ce (VOMS)				State Funds	\$10.013.493	37.7%		
		271	Vehicles Available	e for Maximum Serv	vice (VAMS)			F	ederal Assistance	\$10,290,420	38.7%		
									Other Funds	\$0	0.0% C		
			Modal Char	acteristics				Total Capita	I Funds Expended	\$26.577.453	100.0%		
	Vehicles O	perated								<i><i><i>v</i>=0,011,100</i></i>			
Modal Overview	in Maximum	n Service		Use	s of Capital Fu	nds		Sui	nmary of Operatir	ng Expenses (OE)			
	Directly	Purchased	Revenue	Systems and	Facilities and					<b>U I (</b> <i>)</i>			
Mode	Operated	Transportation	Vehicles	Guideways	Stations	Other	Total	Salary, Wages, Benefits		\$21,007,541	25.7%		
Commuter Rail	- -	24	\$14,461	\$18,430,857	\$447,154	\$51,108	\$18,943,580	Mate	ials and Supplies	\$7,336,792	9.0%		
Demand Response	-	8	\$0	\$0	\$0	\$0	\$0	Purchas	ed Transportation	\$44,271,920	54.2%		
Demand Response - Taxi	-	50	\$0	\$77,300	\$0	\$0	\$77,300	Other Op	erating Expenses	\$9,124,891	11.2%		
Bus	-	137	\$2,469,210	\$843,190	\$2,300,035	\$10,640	\$5,623,075	Total O	perating Expenses	\$81,741,144	100.0%		
Hybrid Rail	-	8	\$1,275,904	\$399,043	\$166,417	\$92,134	\$1,933,498	Reconciling OE C	ash Expenditures	\$1,749,210			
Total		227	\$3,759,575	\$19,750,390	\$2,913,606	\$153,882	\$26,577,453	Purchas	ed Transportation				
								(Rep	orted Separately)	\$0			
<b>Operation Characteristic</b>	S							Fixed Guideway	Vehicles Available	Vehicles Operated			
	Operating		Uses of	Annual	Annual	Annual Vehicle	Annual Vehicle	Directional	for Maximum	in Maximum			
Mode	Expenses	Fare Revenues	Capital Funds	Passenger Miles	Unlinked Trips	Revenue Miles	Revenue Hours	Route Miles	Service	Service	Spare \		
Commuter Rail	\$19,308,163	\$7 627 368	\$18,943,580	47 124 736	1 673 816	1 394 955	35.318	82.2	35	24	opuloi		
Demand Response	\$547,868	\$43,513	\$0	55,879	14,066	53,428	3,652	0.0	8	8			
Demand Response - Taxi	\$4,789,180	\$567.826	\$77.300	1.514.976	154.162	1.400.480	75,285	0.0	50	50			
Bus	\$42.064.413	\$8.272.553	\$5.623.075	41.251.051	8.135.330	5.568.575	439,172	0.0	166	137			
Hvbrid Rail	\$15,031,520	\$2,763,574	\$1,933,498	22,178,144	2.551.106	676.132	30,780	44.0	12	8			
Total	\$81,741,144	\$19,274,834	\$26,577,453	112,124,786	12,528,480	9,093,570	584,207	126.2	271	227			
Performance Measures		Se	ervice Efficiency	,			Service Effectiv		ectiveness				
	Operat	ting Expenses per	Opera	ating Expenses per		-	Operating Exp	enses per Opera	ting Expenses per	Unlinked	Trips per		
Mode	Veh	icle Revenue Mile	Veh	icle Revenue Hour		Mode	Passe	enger Mile Unlink	ed Passenger Trip	Vehicle Reve	enue Mile 💦 👌		
Commuter Rail		\$13.84		\$546.69		Commuter Rail		\$0.41	\$11.54		1.2		
Demand Response		\$10.25		\$150.02		Demand Response	0	08.02	\$38.05		03		

	<b>Operating Expenses per</b>	<b>Operating Expenses per</b>
Mode	Vehicle Revenue Mile	Vehicle Revenue Hour
Commuter Rail	\$13.84	\$546.69
Demand Response	\$10.25	\$150.02
Demand Response - Taxi	\$3.42	\$63.61
Bus	\$7.55	\$95.78
Hybrid Rail	\$22.23	\$488.35
Total	\$8.99	\$139.92



**Notes:** <sup>a</sup>Average Unlinked Trips not available for Demand Response Taxi.

<sup>1</sup>Demand Response - Taxi (DT) and non-dedicated fleets do not report fleet age data.

# North County Transit District (NCTD)

2014 Annual Agency Profile

	Mode	Passenger Mile	Unlinked Passenger Trip	Vehicle Revenue Mile	V
	Commuter Rail	\$0.41	\$11.54	1.2	
	Demand Response	\$9.80	\$38.95	0.3	
	Demand Response - Taxi	\$3.16	\$31.07	0.1	
	Bus	\$1.02	\$5.17	1.5	
	Hybrid Rail	\$0.68	\$5.89	3.8	
	Total	\$0.73	\$6.52	1.4	
nor V/			Operating Expanse per D	occongor Unlinked	Decer



http://www.dcta.net/

1660 S. Stemmons Suite 250 Lewisville, TX 75067

### Denton County Transportation Authority (DCTA) 2014 Annual Agency Profile

President: Mr. James Cline 972-221-4600

			General Info	rmation						Financial I	nformatio	on	
Urbanized Area Statistic	cs - 2010 Census	Servio	ce Consumption	ı		Database	Information	S	ources of Operating	Funds Expended		Operating F	unding Sources
Denton-Lewisville, TX		17.920.271	Annual Passenger	Miles (PMT)		NTDID:	60101		Fare Revenues	\$4,709,947	18.7%		
145 Square M	iles	2,907,741	Annual Unlinked T	rips (UPT)		Reporter Type:	Full Reporter		Local Funds	\$17.026.609	67.6%		
366.174 Populatio	n	11,157	Average Weekday	Unlinked Trips					State Funds	\$0	0.0%		13.5% 0.2%
104 Pop Ran	k out of 498 UZAs	1 447 4	verage Saturday	Unlinked Trins				Fe	deral Assistance	\$3,410,607	13.5%		10.0 /
Other UZAs Served	N OUT OF 400 OLAS	1,447	werege Cundey	nlinked Trine				10	Other Funde	¢0,410,007	0.0%		
Conter OZAS Served	- TV	0 4	Average Sunday U	ninked mps				Tetel One	Other Funds		0.2%		18.7%
6 Dallas-Fort Worth-Arlingtor	1, 1 X							i otal Opera	iting Funds Expended	\$25,202,340	100.0%		
Service Area Statistics		Servio	ce Supplied						Sources of Capital	Funds Expended		67.6%	
157 Square M	iles	2,545,532	Annual Vehicle Re	venue Miles (VRM)					Fare Revenues	\$0	0.0%		
234,552 Populatio	n	156,116	Annual Vehicle Re	venue Hours (VRH)					Local Funds	\$614,433	12.6%		
-		84 N	/ehicles Operated	in Maximum Servic	e (VOMS)				State Funds	\$146.848	3.0%		
		97 \	/ehicles Available	for Maximum Service	e (VAMS)			Fe	deral Assistance	\$4,116,674	84.4%		
									Other Funds	\$0	0.0%	Capital Fund	ding Sources
			Modal Chara	acteristics				Total Ca	nital Funds Expended	\$4,877,955	100.0%	oupitai i ait	ang oouroes
	Vehicles C	perated						· · · · · ·		\$ 1,011,000			
Modal Overview	in Maximum	n Service		llee	s of Capital Fur	nds		9	Summary of Operation	a Expenses (OF)			
	Directly	Purchased	Revenue	Systems and	Facilities and				calling of operatin	3poiloco (OL)			
Mode	Operated	Transportation	Vehicles	Guidewave	Statione	Other	Total	Salany	Wages Benefits	\$0 /12 156	40.1%		12.6%
Node Demand Response	operated	Transportation	venicles	Culdeways	Stations	Cillei ¢o	rotai	Salaiy, Matari	ale and Supplies	\$3,412,100 \$1,707,700	40.170		12.0 %
Demand Response	10		\$0 \$605,400	\$U \$116.940	¢0 444 500	\$U	€0 196 90F	Durchood	d Transportation	\$1,727,729 \$11,046,075	1.4%	84.4%	3
Bus	41	-	\$625,430	\$116,842	\$2,444,533	\$U \$0	\$3,186,805	Purchase	d Transportation	\$11,046,975	47.0%		
vanpool	-	25	\$U	\$0	\$U	\$0	\$U	Other Ope	erating Expenses	\$1,292,391	5.5%		
Hybrid Rail	-	8	\$22,169	\$489,357	\$3,987	\$1,175,637	\$1,691,150	Tota	I Operating Expenses	\$23,479,251	100.0%		
Total	51	33	\$647,599	\$606,199	\$2,448,520	\$1,175,637	\$4,877,955	Reconciling OE Ca	ish Expenditures	\$1,723,089			
								(Repo	orted Separately)	\$0			
Operation Characteristi	cs							Fixed Guidewa	v Vehicles Available	Vehicles Operated			Average
	Operating		Lises of	Δnnual	Annual	Annual Vehicle	Annual Vehicle	Direction	al for Maximum	in Maximum		Percent	Fleet Age in
Modo	Evnenses	Fare Revenues	Canital Funde	Passanger Miles	Annua Unlinkod Trinc	Revenue Miles	Pevenue Hours	Bouto Mile		Service	6.		Voare1
Demand Response	¢1 560 707	£97 200	copital i anas	201 712	000000	226 202	17 655		0 11	10	5		50
Demand Response	\$1,569,707	\$87,309	06	201,713	32,545	236,203	17,000	0	.0 11	10		9.1%	5.2
Bus	\$9,179,521	\$3,597,718	\$3,186,805	5,965,272	2,226,623	1,223,746	104,932	0	.0 50	41		18.0%	3.9
Vanpool	\$327,211	\$193,808	\$U	3,413,865	80,235	461,253	9,079	0	.0 25	25		0.0%	1.0
Hybrid Rail	\$12,402,812	\$831,112	\$1,691,150	8,339,421	568,338	624,330	24,450	42	.6 11	8		27.3%	4.0
Total	\$23,479,251	\$4,709,947	\$4,877,955	17,920,271	2,907,741	2,545,532	156,116	42	.6 97	84		13.4%	
Performance Measures		Se	rvice Efficiency						Service Effe	ctiveness			
Mada	Opera	ating Expenses per	Opera	ating Expenses per			Operating Ex	penses per Op	perating Expenses per	Unlinked	Trips per	Unlin	ked Trips per
wode	Ve	nicie Revenue Mile	Ver	ncie Revenue Hour		woae	Pas	senger Mile Un	IInked Passenger Trip	venicie Rev	enue Mile	venicle R	evenue Hour
Demand Response		\$6.65		\$88.91		Demand Response	Ð	\$7.78	\$48.23		0.1		1.8
Bus		\$7.50		\$87.48		Bus		\$1.54	\$4.12		1.8		21.2
Vanpool		\$0.71		\$36.04		Vanpool		\$0.10	\$4.08		0.2		8.8
Hybrid Rail		\$19.87		\$507.27		Hybrid Rail		\$1.49	\$21.82		0.9		23.2
Total		\$9.22		\$150.40		Total		\$1.31	\$8.07		1.1		18.6
Operating Expense pe	r Vehicle	Operating Expense	per Passenger	Unlinked Pass	enger Trip per Vehic	le O	perating Expense per	Vehicle	Operating Expense pe	er Passenger	Unlinked P	assenger Trip p	er Vehicle
Revenue Milé: B	us \$2.00 /	Mile: Bu	JS	2.50 Reve	nue Mile: Bus	\$25.00	Revenue Mile: Hybrid	I Rail	Mile: Hybrid	Kall 1.00	Rever	nue Mile: Hybrid	Rail
6.00	\$1.50	<u> </u>		2.00		\$20.00		\$2.00		0.80			-
	¢1.00			1.50		\$15.00				0.60			
4.00	\$1.00			1.00		\$10.00		\$1.00		0.40			
2.00	\$0.50		-	0.50		\$5.00		\$0.50		0.20			
.0.00	\$0.00 \$	06 07 09 00 10	44 42 42 **	0.00	09 10 11 12 1	\$0.00	42	\$0.00	12		13		14
00 07 00 09 10 1	1 12 13 14	00 07 08 09 10	11 12 13 14	00 0, 00			13	14	13	14	15		
otes:													

<sup>1</sup>Demand Response - Taxi (DT) and non-dedicated fleets do not report fleet age data. Financial Information updated 7/12/2016

http://www.capmetro.org/ 2910 East Fifth Street Austin, TX 78702

### Capital Metropolitan Transportation Authority (CMTA) 2014 Annual Agency Profile

			General Info	rmation						Financial I	nformati	on	
Urbanized Area Statistics	- 2010 Census	Servio	e Consumption			Database I	nformation	So	ources of Operating	Funds Expended		Operating F	unding Sourc
Austin, TX		167,669,128	Annual Passenger	Miles (PMT)		NTDID: 6	60048		Fare Revenues	\$22,869,856	11.3%		-
523 Square Mile	s	34,178,526	Annual Unlinked T	rips (UPT)		Reporter Type: F	Full Reporter		Local Funds	\$142,982,120	70.6%		
1,362,416 Population		121,241	verage Weekday	Unlinked Trips <sup>a</sup>					State Funds	\$0	0.0%		14.3% 3.7%
37 Pop. Rank o	out of 498 UZAs	63,235	Average Saturday	Unlinked Trips <sup>a</sup>				Fed	eral Assistance	\$28,963,267	14.3%		
Other UZAs Served		50,321	verage Sunday U	nlinked Trips <sup>a</sup>					Other Funds	\$7,578,479	3.7%		11.3%
0 Texas Non-UZA			0 1	·				Total Operat	ing Funds Expended	\$202,393,722	100.0%		
Service Area Statistics		Servi	ce Supplied						Sources of Capita	I Funds Expended		70.6%	
535 Square Mile	S	19,971,323	Annual Vehicle Re	venue Miles (VRM)					Fare Revenues	\$0	0.0%	10.070	
1,079,995 Population		1,496,988	Annual Vehicle Re	venue Hours (VRH)					Local Funds	\$10,603,316	42.5%		
· · ·		800	ehicles Operated	in Maximum Service	(VOMS)				State Funds	\$0	0.0%		
		1,062	/ehicles Available	for Maximum Servic	e (VAMS)			Fed	eral Assistance	\$14,331,079	57.5%		
		,							Other Funds	\$0	0.0%	Capital Func	ling Sources
	Vahialaa	Duranata d	Modal Chara	acteristics				Total Cap	ital Funds Expended	\$24,934,395	100.0%		
Modal Overview	in Maximur	n Service		Use	s of Capital Fur	nds		s	ummary of Operati	ng Expenses (OE)			
Mada	Directly	Purchased	Revenue	Systems and	Facilities and Stations	Other	Total	Solony V	Vagas Banafita	\$47,609,692	25.7%	57.5%	
Commuter Buc	Operateu	27	venicles	Guideways	Stations	eo.	rotai ©0	Salary, v Motorio	la and Supplies	\$47,000,003 \$19,222,205	23.7%		
Domand Bospanso		122	\$U \$44.764	ΦU \$55.714	\$U \$0	\$U \$0	ΦU \$100 479	Purebasee	Transportation	\$10,232,303 \$112,472,564	9.0%		
Demand Response - Taxi		88	φ-+-,70+ \$0	φ00,714 \$0	00	0 \$0	01+,0010	Other Oper	ating Expenses	\$6 165 625	3 3%		42.5%
Bue		302	\$9 149 044	\$9,800,377	\$527.004	\$4 025 212	\$24 401 727	Total	Operating Expenses	\$185 479 257	100.0%		
Vanaal	-	120	\$9,149,044 ¢0	\$9,000,377 ¢0	\$J27,094	\$4,920,212 \$0	φ24,401,727 ¢0	Personaling OF Car	b Expanditures	\$160,479,207 \$16,014,465	100.0 %		
Hybrid Rail	90	139	\$0 \$0	30 \$0	\$74 Q10	\$357 280	\$432 100	Reconciling OE Cas	Transportation	\$10,914,403			
Total	98	702	\$9,193,808	\$9,856,091	\$602.004	\$5,282,492	\$24,934,395	(Repor	ted Separately)	\$0			
			<i><b>Q</b></i> <b>QQQQQQQQQQQQQ</b>	\$0,000,001	¢002,001	<i><b>4</b>0,202,102</i>	¢2 1,000 1,000	(1000	iou oopulaioiyy	¢0			
Operation Characteristics								Fixed Guideway	/ Vehicles Available	Vehicles Operated			Average
	Operating		Uses of	Annual	Annual	Annual Vehicle	Annual Vehicle	Directiona	I for Maximum	in Maximum	_	Percent	Fleet Age in
Mode	Expenses	Fare Revenues	Capital Funds	Passenger Miles	Unlinked Trips	Revenue Miles	Revenue Hours	Route Miles	s Service	Service	S	pare Vehicles	Years <sup>1</sup>
Commuter Bus	\$7,722,055	\$480,978	\$0	8,920,034	571,212	739,055	39,564	0.0	) 42	37		11.9%	11.6
Demand Response	\$32,953,872	\$674,435	\$100,478	4,944,288	613,590	4,666,043	333,772	0.0	204	132		35.3%	4.2
Demand Response - Taxi	\$357,792	\$55,290	\$0	128,787	19,730	111,189	5,598	0.0	88	88		0.0%	0.4
Bus	\$127,143,429	\$18,367,924	\$24,401,727	135,348,047	31,976,519	12,982,104	1,065,774	0.0	420	302		28.1%	8.4
Vanpool	\$1,492,062	\$397,393	\$U	6,321,183	233,924	1,193,175	40,667	0.0	302	237		21.5%	7.0
Hybrid Rail	\$15,810,047	\$3,136,133	\$432,190	12,006,789	763,551	2/9,/5/	11,613	64.2	6	4		33.3%	7.0
Total	\$105,479,257	\$23,112,133	<b>\$24,934,395</b>	107,009,120	34,170,320	19,971,323	1,490,900	04.4	1,002	000		24.170	
Performance Measures		Se	rvice Efficiency						Service Eff	ectiveness			
	Oper	ating Expenses per	Opera	ating Expenses per			Operating Ex	penses per Op	erating Expenses per	Unlinked	I rips per	Unlink	kea Trips per
Mode	Ve	chicle Revenue Mile	Ver	nicle Revenue Hour		Mode	Pas	senger Mile Unl	nked Passenger Trip	Vehicle Rev	enue Mile	Vehicle R	evenue Hour
Commuter Bus		\$10.45		\$195.18		Commuter Bus		\$0.87	\$13.52		0.8		14.4
Demand Response		\$7.06		\$98.73		Demand Response		\$6.67	\$53.71		0.1		1.8
Demand Response - Taxi		\$3.22		\$63.91		Demand Response	- Taxi	\$2.78	\$18.13		0.2		3.5
Bus		\$9.79		\$119.30		Bus		\$0.94	\$3.98		2.5		30.0
Vanpool		\$1.25		\$36.69		vanpool		\$0.24	\$6.38		0.2		5.8
		\$56.51		\$1,361.41		Hybrid Rail		\$1.32	\$20.71		2.7		65.7
i otai		\$ <del>3</del> .29		φ123.90		i otal		φ1.11	\$0.43		1.7		22.0
Operating Expense per V Revenue Mile: Bus	'ehicle	Operating Expense Mile: Bu	ber Passenger Is	Unlinked Pass Reve	enger Trip per Vehic nue Mile: Bus	le Op	erating Expense per Revenue Mile: Hybric	Vehicle I Rail	Operating Expense p Mile: Hybrid	per Passenger d Rail	Unlinked F Reve	Passenger Trip pe nue Mile: Hybrid	er Vehicle Rail
\$15.00	\$1.00			3.00		\$60.00		\$2.00		4.00			

\$40.00

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05 06 07 08 09 10 11 12 13 14 05 06 07 08 09 10 11 12 13 14

\$5.00

\$0.00

\$0.60

\$0.40

\$0.20

\$0.00

1.00

0.00

05 06 07 08 09 10 11 12 13 14

Notes: <sup>a</sup>Average Unlinked Trips not available for Demand Response Taxi. <sup>1</sup>Demand Response - Taxi (DT) and non-dedicated fleets do not report fleet age data. Financial Information updated 7/12/2016

### **APPENDIX II: COMPARISON MATRIX NTD 2014**

Prepared by Quandel Consultants, LLC for SmithGroupJJR, Inc. February 2, 2017

				Comparison Matrix: National Trans	it Database 2014 Data				-
			Commu	iter Rail			Hybr	rid Rail	
			Locomotive Hauled Coaches			Non-Com	pliant DMU		
Service	North-South	North-South	Music City Star	Northstar	SunRail (2015)**	Coaster	Red Line	A-Train	Average Value
Option/NTDID	Option 1	Option 5B	40159	50027	40232	90030	60048	60101	of Selected
							Capital Metropolitan Transportation	Denton County Transportation	
Agency	ΑΑΑΤΑ	AAATA	<b>Regional Transportation Authority</b>	Metro Transit	Central Florida Commuter Rail	North County Transit District	Authority	Authority	Comparable Systems
Location	Ann Arbor	Ann Arbor	Nashville	Minneapolis	Orlando	Oceanside	Austin, TX	Denton, TX	
						7 locomotives F40PHM-2C and			
	5 Diesels & 16 Gallery Cars (ex	3 Diesels & 6 Gallery Cars (ex	4 F40PH-2 Diesels & 7 Gallery Cars (ex	6 MP36PH-3C Diesels & 18	10 MP32PH-Q Diesels and 20	2-F59PHI) and 28 bi-level		ł	
Fleet Characteristics	CB&Q)	CB&Q)	C&NW)	Bombardier Bi-Level Coaches	Bombardier Bi-Level Coaches	passenger cars	6 Stadler GTW 2/6 DMUs	11 Stadler GTW 2/6 DMUs	
Route Miles	28.4	11.97	32	40	32.7	41	32	21	
Host Railroad	GLC	GLC	N&E	BNSF	Florida DOT	NCTD	Cap Metro	DCTA	
Amtrak/Freight Trains per Day	0/4	0/4	0/4	2/50-60	6/7	0/2	0/4-6	0/2	
Service Start			2006	2010	2014	1995	2010	2011	
Stations	6	3	6	7	12	8	9	5	
Crew Members/Train	2	2	2	2	2		1	2	
Passenger Cars per Train	3	2	3				1	2	
Weekday One-Way Revenue Trips	8	12	14	12	36	68-78	40-56	60-62	
Operating Days per Year	262	262	262	358	262	365	312	312	
Vehicles Available for Maximum Service	21	9	15	24	30	35	6	11	
Vehicles Operated in Maximum Service	16	6	7	20	30	24	4	8	
Annual Train Revenue Miles	59,526	37,634	84,200	145,868	279,449	276,960	279,757	313,062	
Annual Train Revenue Hours	2,035	1,638	2,904	4,429	8,796	7,012	11,613	12,215	
Annual Vehicle Revenue Miles	238,106	112,901	199,870	528,744	636,033	1,394,955	279,757	624,330	
Annual Vehicle Revenue Hours	8,139	4,913	6,578	16,077	20,648	35,318	11,613	24,450	
Annual Passenger Revenue	\$1,456,279	\$810,856	\$691,698	\$2,349,875	\$2,116,764	\$7,627,368	\$3,136,133	\$831,112	
Annual Passenger Miles	6,047,424	3,676,908	3,776,278	18,259,201		47,124,736	12,006,789	8,339,421	
Annual Unlinked Trips	482,080	439,112	243,133	721,214		1,673,816	763,551	568,338	
Total Operating Expense*	\$11,100,488	\$5,635,001	\$4,332,322	\$15,238,880	\$33,667,907	\$19,308,163	\$15,810,047	\$12,402,812	
OpEx per Train Revenue Mile	\$186.48	\$149.73	\$51.45	\$104.47	\$120.48	\$69.71	\$56.51	\$39.62	\$73.71
OpEx per Train Revenue Hour	\$5,455.14	\$3,441.22	\$1,491.85	\$3,440.70	\$3,827.64	\$2,753.59	\$1,361.41	\$1,015.38	\$2,315.09
OpEx per Vehicle Revenue Mile	\$46.62	\$49.91	\$21.68	\$28.82	\$52.93	\$13.84	\$56.51	\$19.87	\$32.28
OpEx per Vehicle Revenue Hour	\$1,363.79	\$1,147.07	\$658.61	\$947.87	\$1,630.57	\$546.69	\$1,361.41	\$507.27	\$942.07
OpEx per Passenger Mile	\$1.84	\$1.53	\$1.15	\$0.83		\$0.41	\$1.32	\$1.49	\$1.04
Unlinked Trips per Veh-Rev-Mi	2.02	3.89	1.22	1.36		1.20	2.73	0.91	1.48

