

Bus and Bus Facilities Formula

	Veh.Rev Miles	Passenger Miles	Operating Cost
GoRaleigh-DR	2,167,956	3,663,273	7,939,265.00
GoRaleigh-MB	2,744,262	27,230,812	20,969,899.00
NCSU-MB	660,997	0	0
Subtotal	5,573,215	30,894,085	28,909,164
Cary-DR	355,654	0	0
Cary-MB	475,547	0	0
Subtotal	831,201	0	0
GoTriangle-DR	233,754	335,806	1,174,353.00
GoTriangle-MB	1,070,124	9,212,607	6,517,303.00
GoTriangle-VP	445,791	4,316,005	1,467,916.00
Subtotal	1,749,669	13,864,418	9,159,572
GRANDTOTAL	8,154,085	44,758,503	38,068,736.00

Population	0.3064831	Raleigh Population=884,891
Population x Density	0.0001404	Raleigh Population Density=1,707.8
Bus Revenue Vehicle Mile	0.0598792	
Bus Incentive	0.0011323	

4/11/2016

FY2016 Section 5339 CAMPO Apportionment Worksheet

1,031,290.00 Section 5339

1,031,290.00

	Vehicle Rev. Miles	Pass. Mi. (PM)	Operating Cost	Population Density	Revenue Vehicle Miles	Pass Miles Bonus	Adjusted Bonus	TOTAL	\$ 5339 FY16 Full split
GoRaleigh	4,912,218	30,894,085	28,909,164	394,665.00	294,143.00	37,383.00	36,439.00	725,247.00	70.3%
NCSU	660,997	0	0		39,584.00	0	0	39,584.00	3.8%
Cary	831,201	0	0	88,748.00	49,776.00	0	0	138,524.00	13.4%
GoTriangle	1,749,669	13,864,418	9,159,572	0	104,773.00	23,762.00	23,162.00	127,935.00	12.4%
Total CAMPO	8,154,085	44,758,503	38,068,736	483,413.00	488,276.00	61,145.00	59,601.00	1,031,290.00	100%

FY2010 Demographics	
UZA Population	884,891
UZA Population Density	1,707.80
Population Raleigh	403,903
Population Density Raleigh	2.826
Population Cary	135,249
Population Density Cary	2,488.9

Unit Values	Apportionment Unit Value
Population	0.3064831
Population x Density	0.0001404
Bus Revenue Vehicle Mile	0.0598792
Bus Incentive	0.0011323
<u>Bus PM xBus PM</u>	
Operating Cost	

1,031,290.00
(483,413.00)
(488,276.00)
59,601.00

FY 2016			
Full			
	Apportionment	FY 2016 %	FY 2015 %
GoRaleigh:	725,247.00	70.3%	68.5%
NCSU:	39,584.00	3.8%	3.9%
Town of Cary:	138,524.00	13.4%	13.8%
GoTriangle:	127,935.00	12.4%	13.8%
	1,031,290.00		1,164,484.00

CAMPO Adjusted Passenger Mile Bonus Calculations

Step 1

Calculate Additional Passenger Mile Bonus to be allocated

(Total CAMPO UZA Allocation) - (Total CAMPO UZA Allocation using Unadjusted Passenger Mile Bonus)

Step 2

Calculate Individual System Allocation Percentages for Additional Passenger Mile Bonus to be allocated

(Individual System Unadjusted Passenger Mile Bonus[G8, G10 & G12]) / (Total Unadjusted Passenger Mile Bonus for all three systems [G14])

Capital Area Transit:
Town of Cary:
TTA:

Step 3

Calculate Additional Passenger Mile Bonus to be allocated to each system

(Total Additional Passenger Mile Bonus to be allocated [B48]) x (Individual System Allocation Percentages [F54, F55 & F56])

Capital Area Transit: -
Town of Cary: -
TTA: -

Step 4

Calculate Total Adjusted Passenger Mile Bonus for each system

(Additional Passenger Mile Bonus for each system [D62, D63 & D64]) + (Unadjusted Passenger Mile Bonus for each system [G8, G10 & G12])

Capital Area Transit: = -
Town of Cary: = -
TTA: = -

Step 5

Calculate Total Adjusted Passenger Mile Bonus [G70 + G71 + G72]

Capital Area Transit: -
Town of Cary: -
TTA: -