

City Council Meeting

April 10, 2017



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Item 10

Contract award for the 2017 Street Resurfacing Project

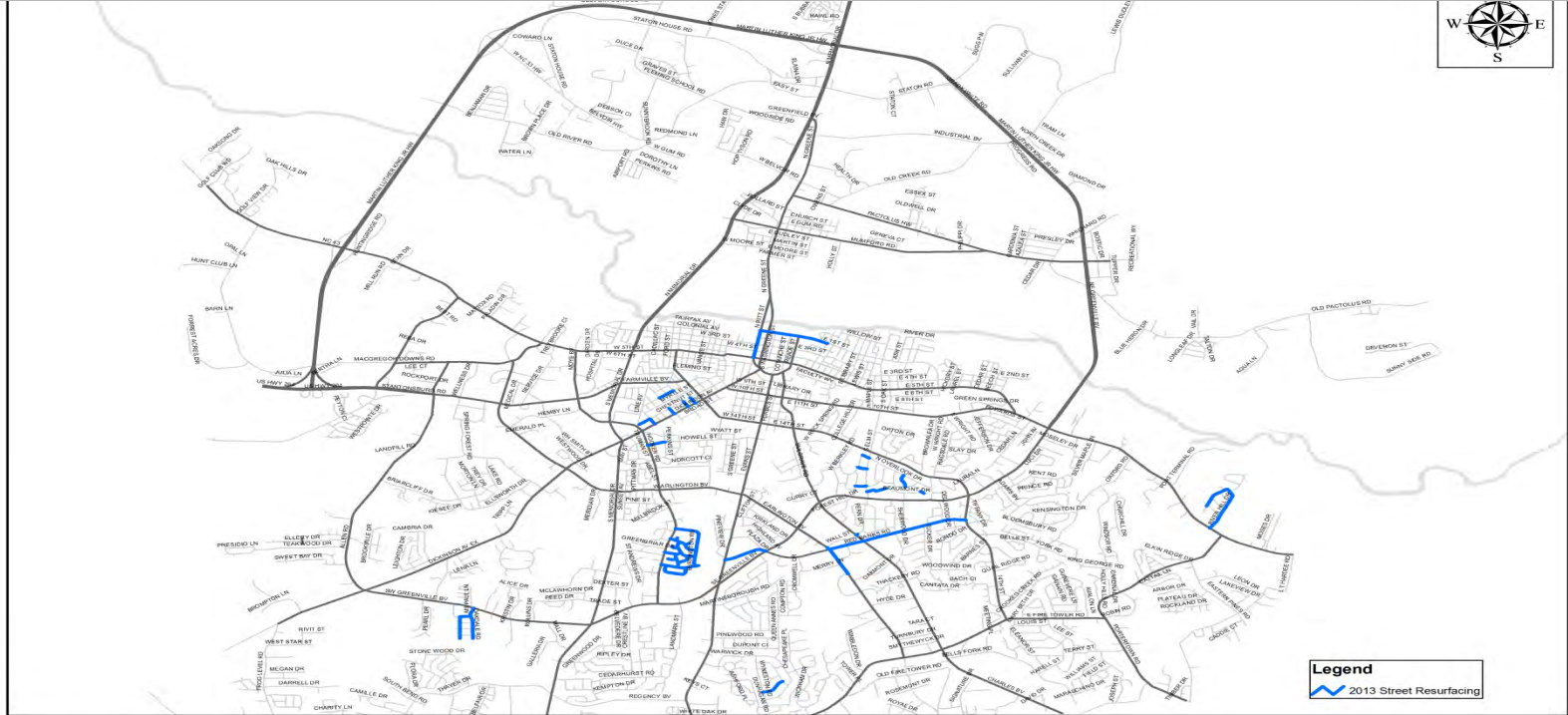


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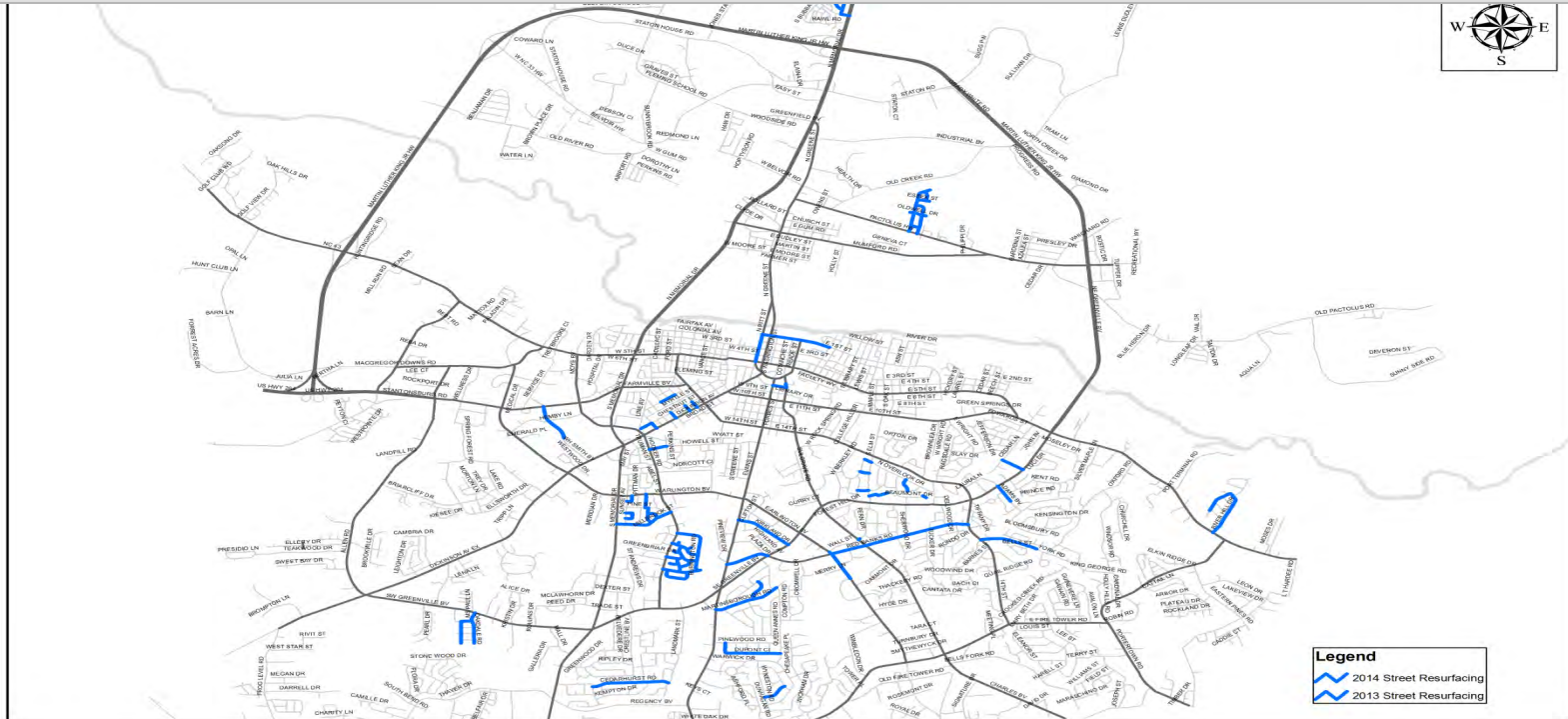
Resurfacing History since 2013

YEAR	LANE MILES	TOTAL COST
2013	10.4	\$ 700,000
2013	7.1	\$ 190,000
2014	21.0	\$ 2,830,000
2015	6.5	\$ 906,000
2016	10.4	\$ 2,200,000
2016	6.3	\$ 1,420,000
2017	<u>28.2</u>	<u>\$ 4,200,000</u>
TOTALS	89.9	\$ 12,446,000

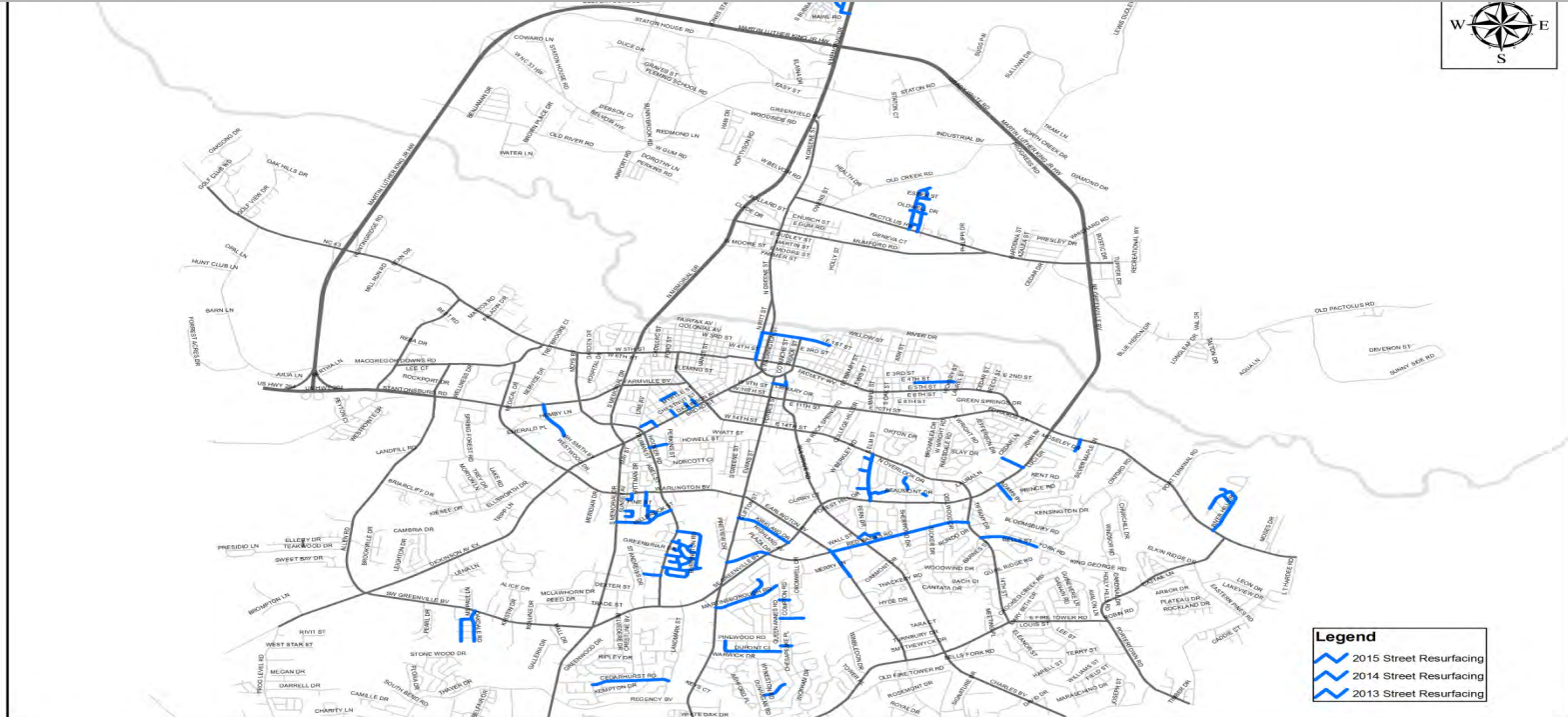
2013 Street Resurfacing



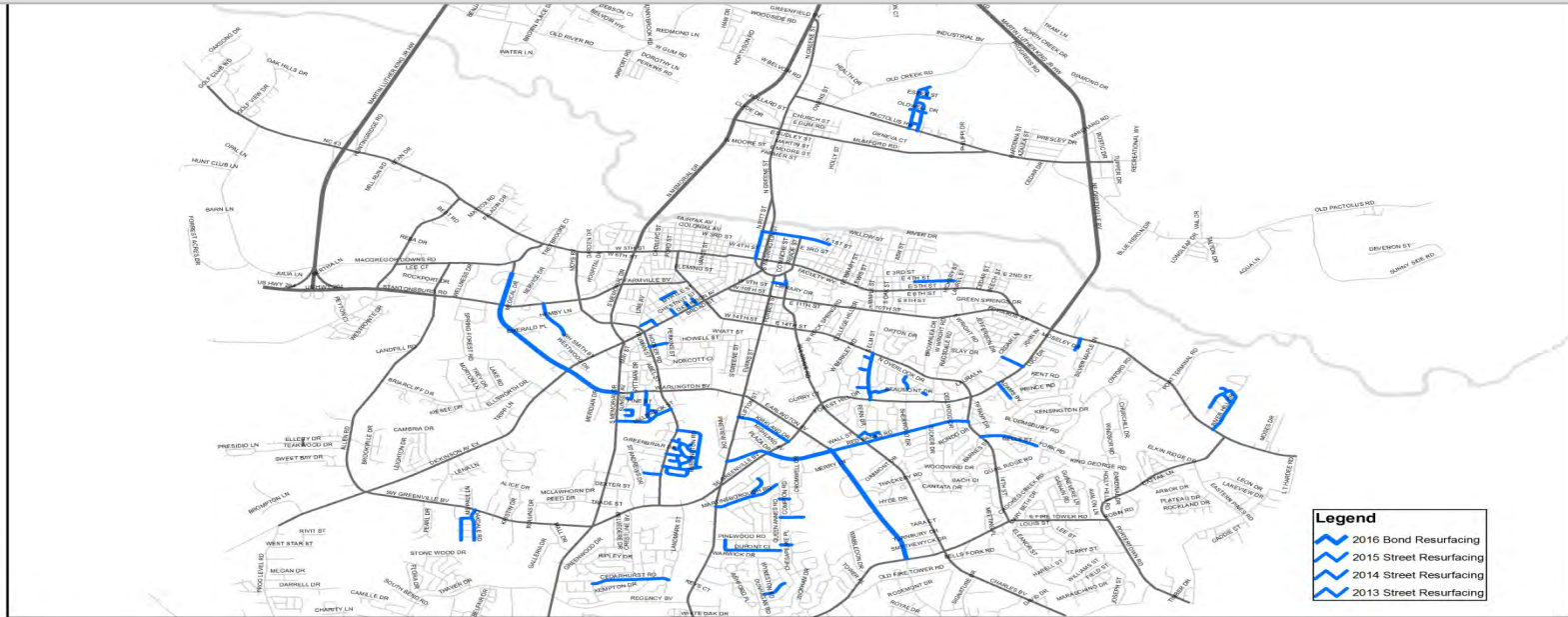
2013 and 2014 Street Resurfacing



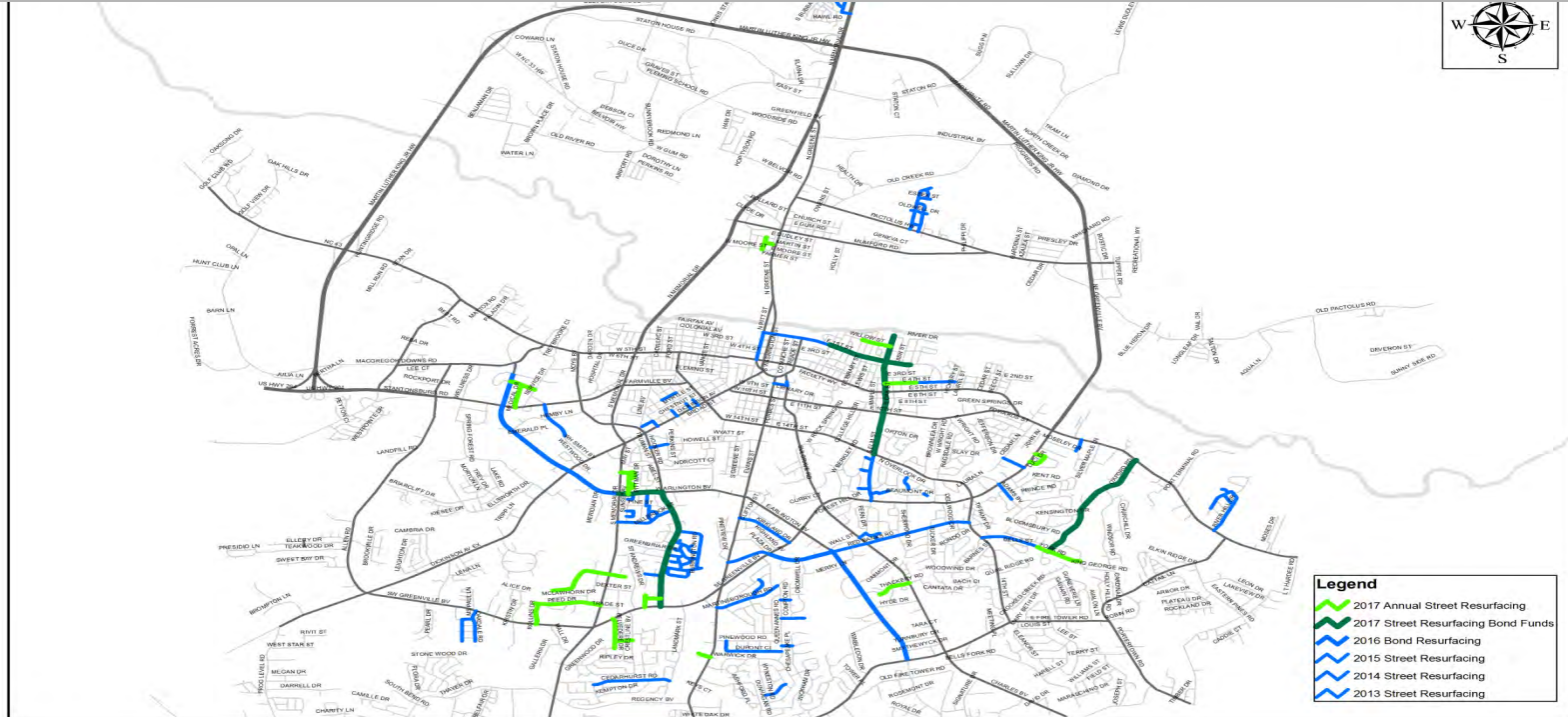
2013 thru 2015 Street Resurfacing



2013 thru 2016 Street Resurfacingm



2013 thru 2017 Street Resurfacing



PROJECT DETAILS

The 2017 Street Resurfacing Project includes a total of 28.2 lane miles to be resurfaced. Work to be done:

- Milling and Resurfacing
- Base Repair
- ADA ramp upgrades

Removal and Replacement of Existing Non-Compliant Ramps



Arlington Blvd. @ Beasley Drive

New Technology Replacing Loop Detectors with Radar for Presence & Thermal for Advance Detection



Milling, Full Depth Patching, Asphalt Overlay and Striping



**W.H. Smith Blvd.
Resurfacing**

Recommendation: City Council award a construction contract for the 2017 Street Resurfacing Project to Rose Brothers Paving Company, Inc. of Ahoskie, NC, in the amount of \$3,944,684.00

Item 11

Contract award for Parking Study



Greenville
NORTH CAROLINA

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Parking Update-Task Force Recommendations

- **Standardization of signage**

Completed Uptown sign inventory. Council requested staff seek permission before spending significant funding. Staff will request to use downtown revitalization grant funding to purchase 500 aesthetic parking sign poles for Uptown/Dickinson (black poles, bottoms, caps)

- **Single contact number for customers**

Complete (Triage-April 24)

- **Update website**

Complete (April 24)

- **Gate the parking deck**

Waiting on consultant recommendations and will include in 2018 budget discussions

- **Stripe-restripe all on-street parking spaces**
Public Works will stripe spaces as streets get updated/resurfaced
- **Require tow trucks to accept electronic payment or install ATM**
Requires new ordinance. Staff will bring forth a proposed ordinance in May
- **Standardize leasing**
Complete-\$50 per month
- **Parking event fee**
Request coming to create a flat fee to park in deck at Umbrella market

- **Post a Request For Proposal for professional parking study for high impact/high cost considerations**

Requesting approval to hire Walker to recommendations on such items such as rates (or free), on-street meter locations, parking demand and parking structure location (if needed) and provide parking demand reduction strategies

- **RFQ for private parking contractor and video planned to occur in 2018**

Item 16



Ordinance to annex the Charles Mack Long property involving 0.552 acres located along the western right-of-way of County Home Road and adjacent to Windsor Subdivision



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General Location Map

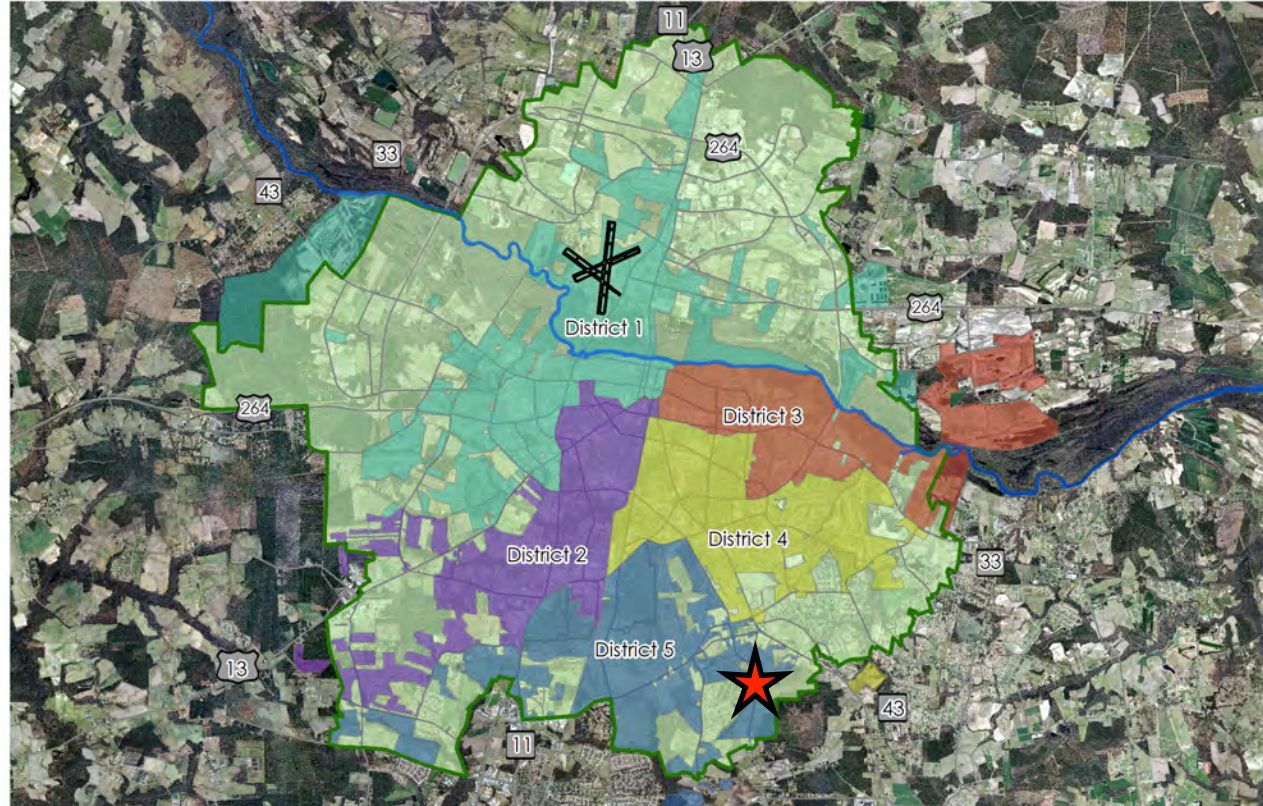
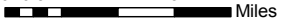
Legend

-  Greenville's ETJ
-  Tar River

City Council Voting District





-  District 1
-  District 2
-  District 3
-  District 4
-  District 5

0 0.5 1 2 3 4 Miles

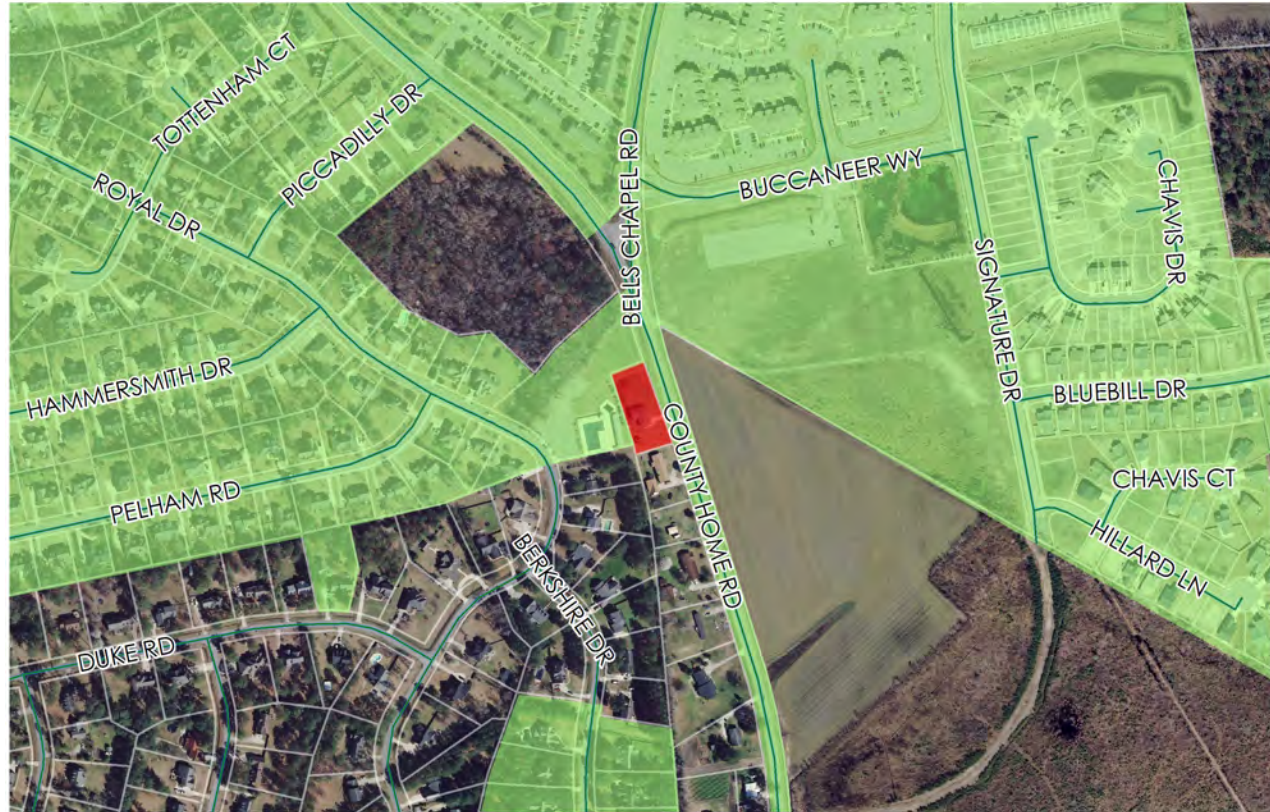
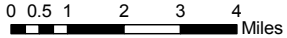


Charlie Mack Long Property

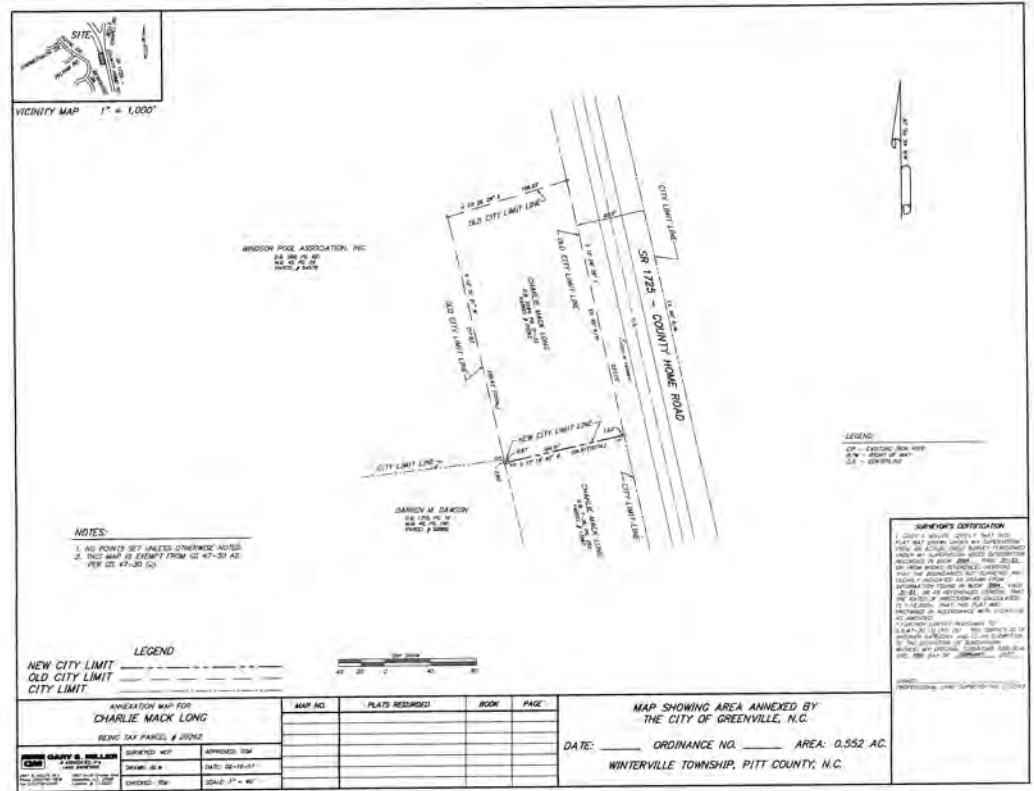
Legend

-  Land Parcels
-  Greenville City Limits
-  Greenville ETJ
-  Annexation

0 0.5 1 2 3 4 Miles



Charlie Mack Long Property 0.552 Acres



Item 17



Ordinance to annex Ochoa Properties of NC, LLC property involving 0.59 acres located along the eastern right-of-way of Corey Road adjacent to Windsor Subdivision





Find yourself in good company®

General Location Map

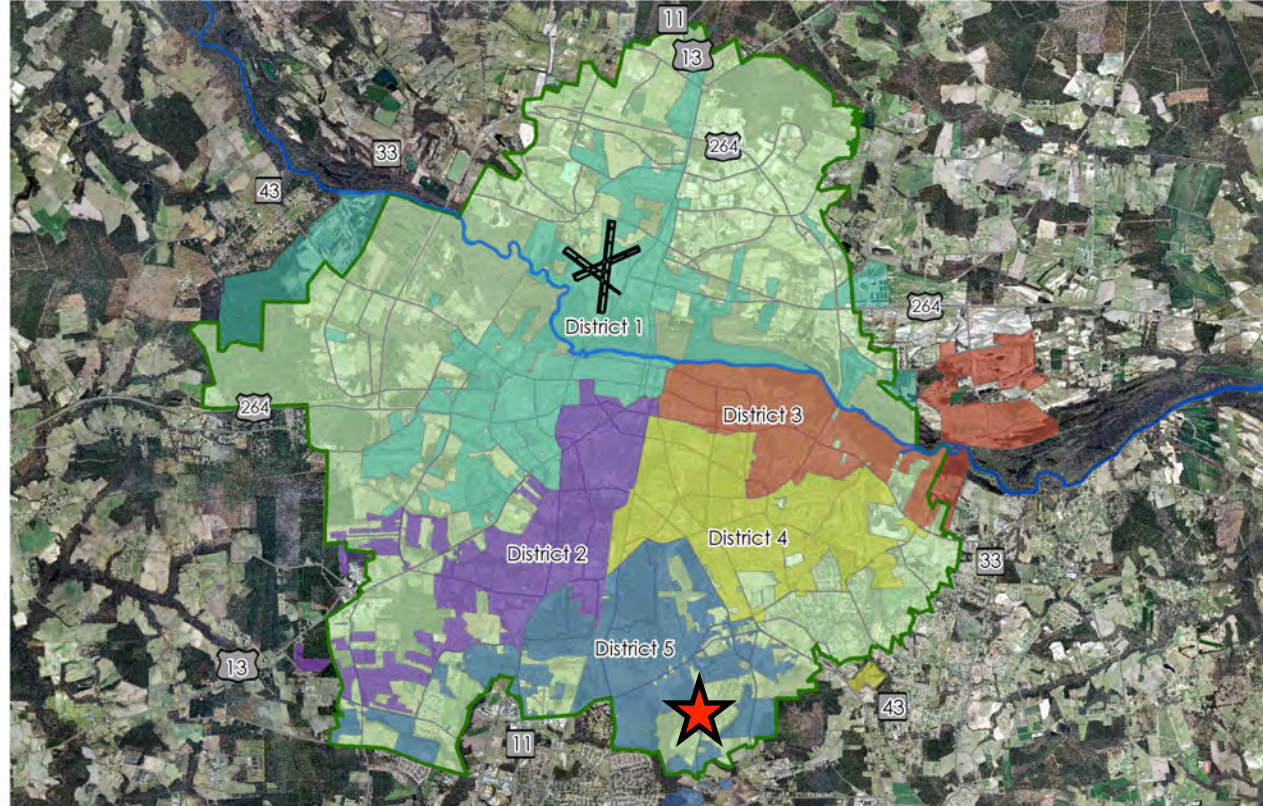
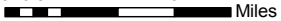
Legend

-  Greenville's ETJ
-  Tar River

City Council Voting District

-  District 1
-  District 2
-  District 3
-  District 4
-  District 5

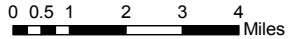
0 0.5 1 2 3 4 Miles



OCHOA Properties of North Carolina, LLC

Legend

-  Land Parcels
-  Greenville City Limits
-  Greenville ETJ
-  Annexation






Item 18

Ordinance requested by Ward Holdings, LLC to rezone 0.49 +/- acres located at the northeastern corner of the intersection of East Fifth Street and South Holly Street from R6S (Residential-Single-family [Medium Density]) to OR (Office-Residential [High Density Multi-family])








General Location Map

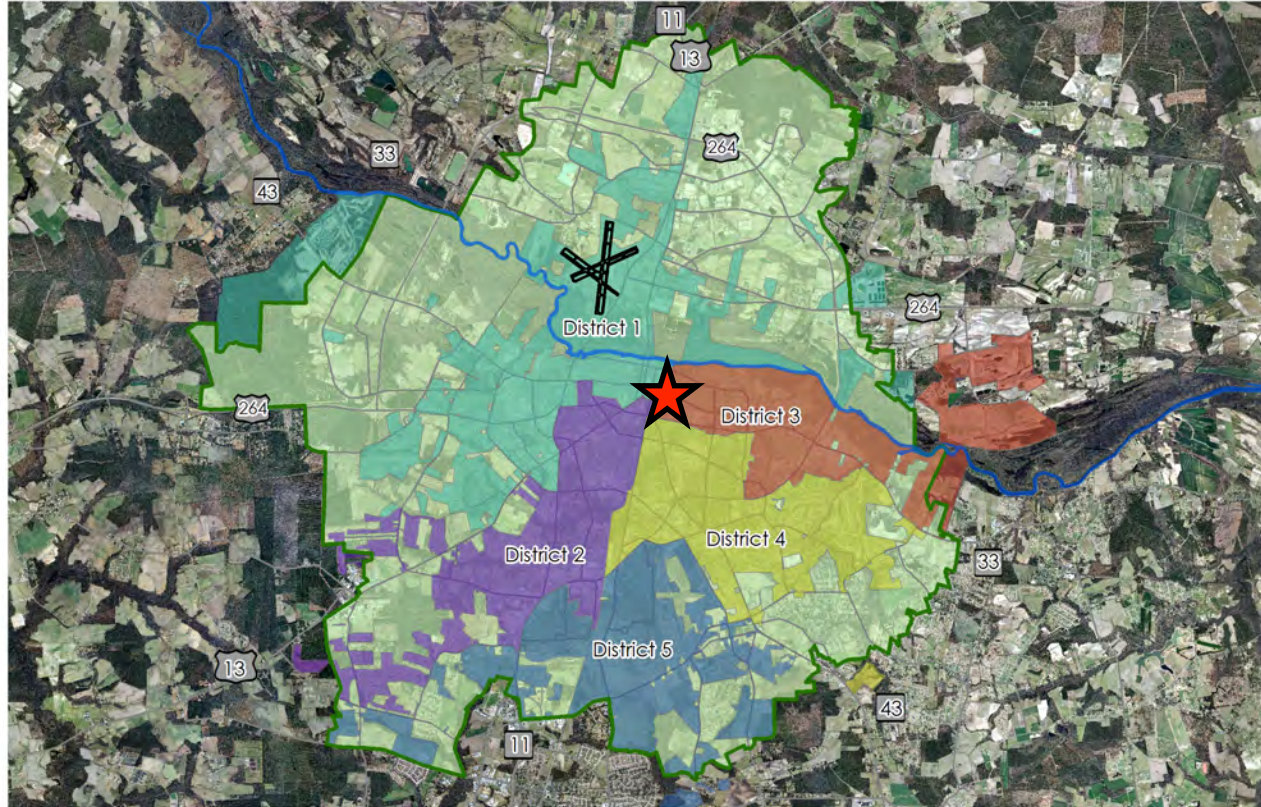
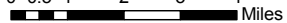
Legend

-  Greenville's ETJ
-  Tar River
-  Pitt-Greenville Airport (PGV)

City Council Voting District



-  District 1
-  District 2
-  District 3
-  District 4
-  District 5

0 0.5 1 2 3 4 Miles



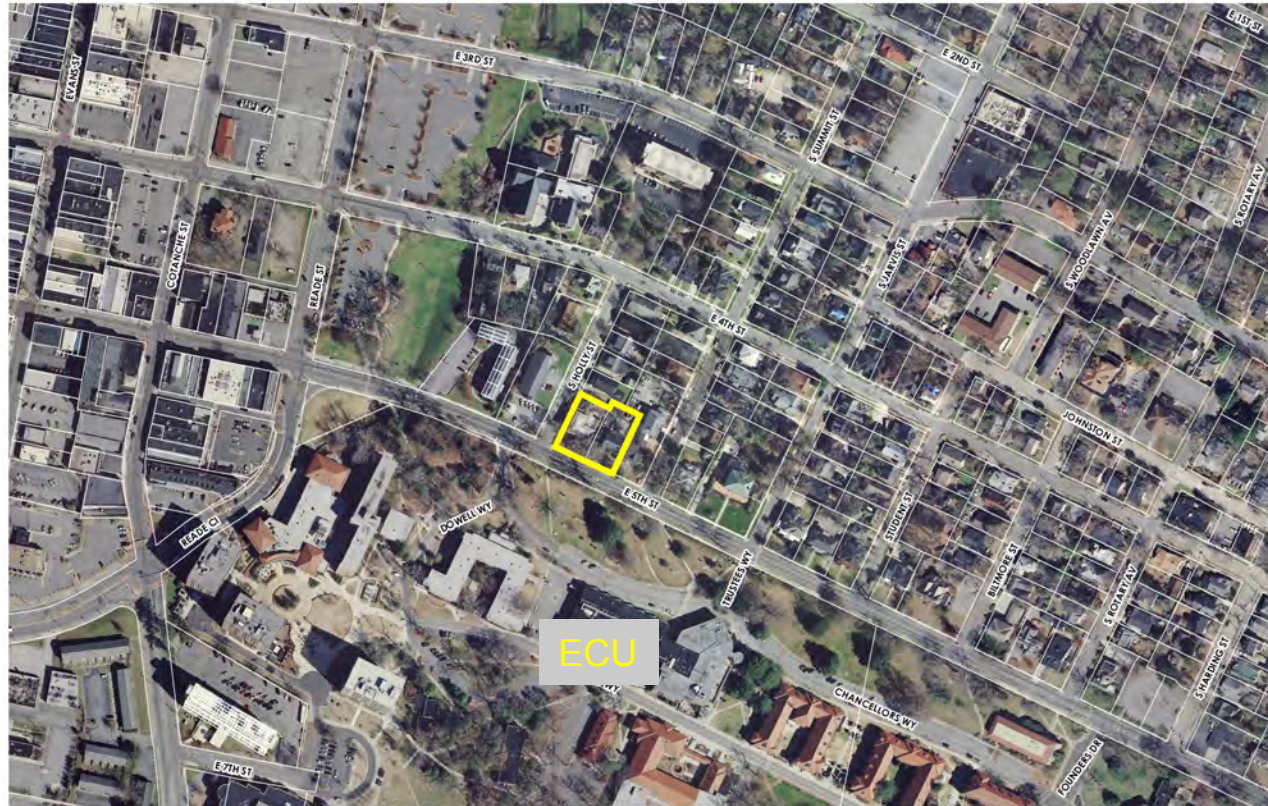

Aerial Map (2012)

Legend

-  Land Parcels
-  Rezoning



0 0.5 1 2 3 4 Miles







East 5th Street


















Existing Land Use

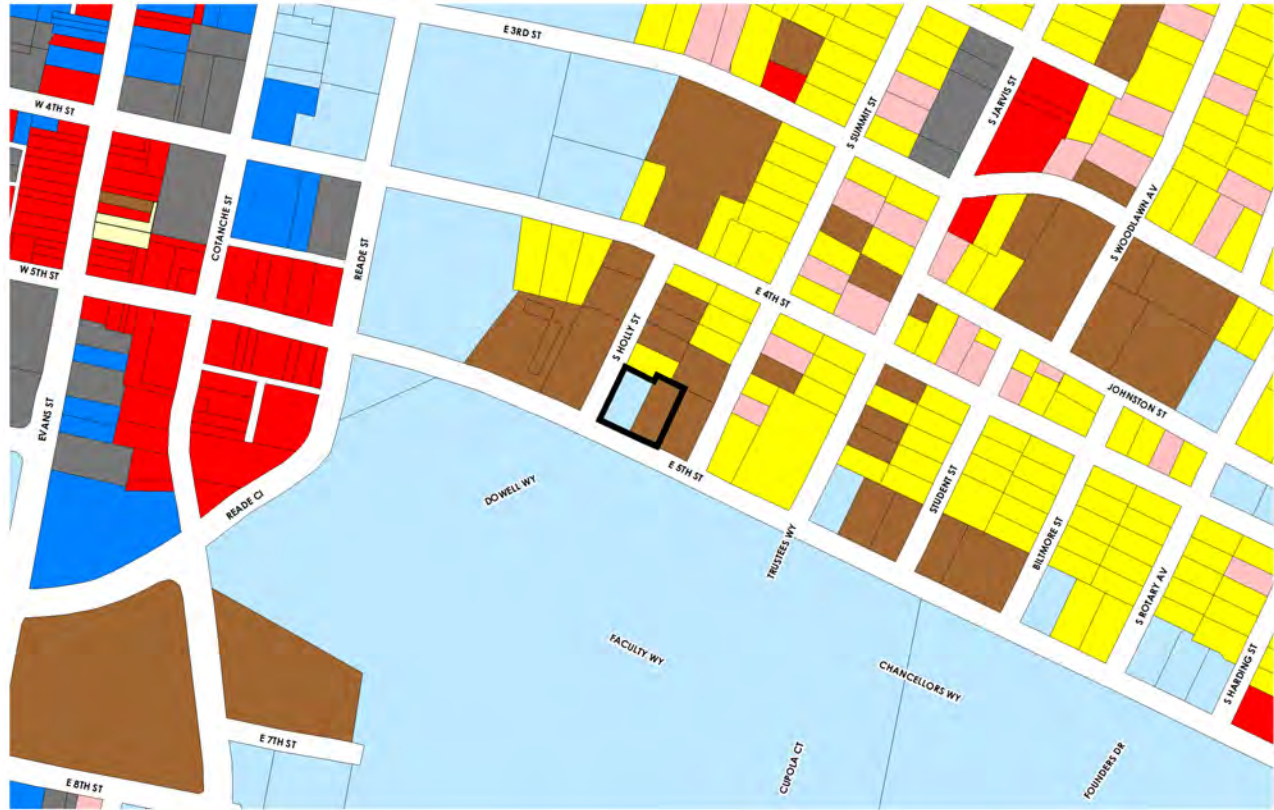
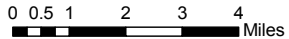
Legend

-  Land Parcels
-  Greenville ETJ
-  Rezonings
-  Train Tracks



EXISTING LANDUSE

-  Cemetery
-  Commercial
-  Duplex
-  Industrial
-  Institutional
-  Landfill
-  Mobile Home
-  Mobile Home Park
-  Multi-Family
-  Office
-  Public Parking
-  Recreation
-  Single Family
-  Utility
-  Vacant



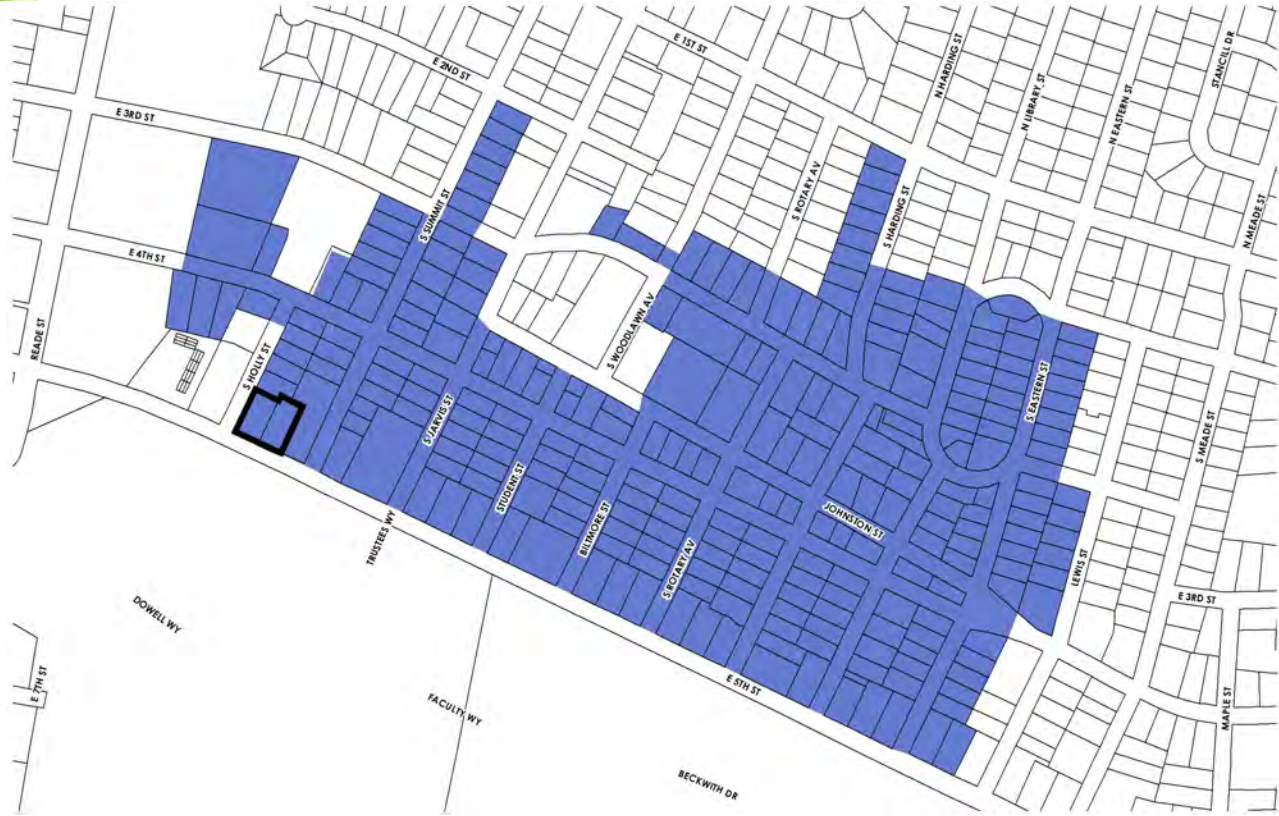
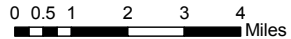
Historic Districts Map

Legend

-  Rezoning
-  Land Parcels


































Historic Districts

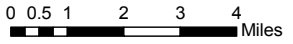
-  College View Historic District



Zoning Map





















Legend

	Land Parcels		OR-UC
	Rezoning		R6
	CD		R6A
	CDF		R6A-CA
	CG		R6A-RU
	CH		R6MH
	CN		R6N
	MCH		R6S
	MCG		R9
	I		R9S
	IU		R9S-CA
	PIU		R15S
	MI		PUD
	MO		MR
	MS		MRS
	O		RA20
	OR		



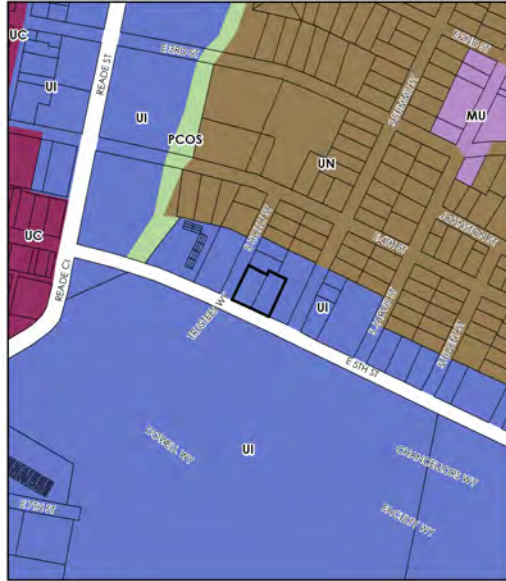
Future Land Use & Character Map

Legend

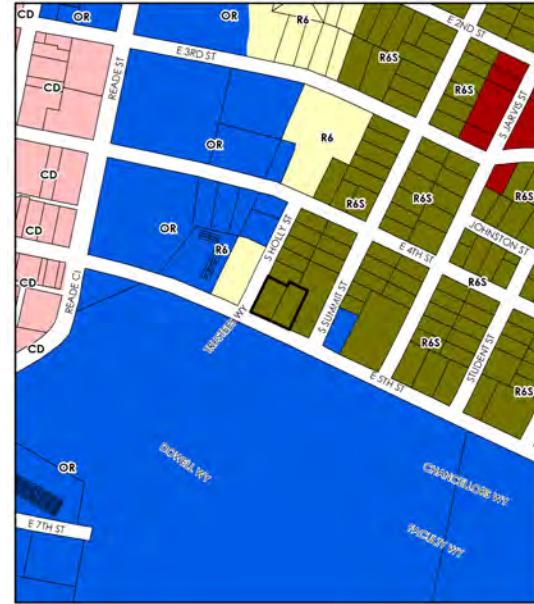
-  Land Parcels
 -  Rezoning
 -  Train Tracks
 -  Greenville ETJ
 -  PCOS - Potential Conservation and Open Space
 -  UC - Uptown Core
 -  UE - Uptown Edge
 -  MUHI - Mixed Use, High Intensity
 -  MU - Mixed Use
 -  C - Commercial
 -  OI - Office and Institutional
 -  UN - Uptown Neighborhood
 -  TNMH - Traditional Neighborhood, Medium to High Density
 -  TNLM - Traditional Neighborhood, Low to Medium Density
 -  HDR - Residential, High Density
 -  LMDR - Residential, Low to Medium Density
 -  UI - University Institutional
 -  MC - Medical Core
 -  MT - Medical Transition
 -  IL - Industrial / Logistics
- 0 0.5 1 2 3 4 Miles



Future Land Use & Character Map



Zoning Map



- Land Parcels
- PCOS - Potential Conservation and Open Space
- UC - Uptown Core
- UE - Uptown Edge
- MUHI - Mixed Use, High Intensity
- MU - Mixed Use
- C - Commercial
- OI - Office and Institutional
- UN - Uptown Neighborhood
- TNMH - Traditional Neighborhood, Medium to High Density
- TNLM - Traditional Neighborhood, Low to Medium Density
- HDR - Residential, High Density
- LMDR - Residential, Low to Medium Density
- UI - University Institutional
- MC - Medical Core
- MT - Medical Transition
- IL - Industrial / Logistics

Legend

- Land Parcels
- Rezoning
- CDF
- CG
- CH
- CN
- MCH
- MCG
- I
- IU
- PIU
- MI
- MO
- MS
- O
- OR
- OR-UC
- R6
- R6A
- R6A-CA
- R6-CA
- R6M
- R6MH
- R6N
- R6S
- R6SM
- R6SN
- R9
- R9S
- PUD
- R9S-CA
- R15S
- MRS
- MR
- RA20

Item 20




Ordinance requested by Happy Trail Farms, LLC and Jack Jones Allen to amend the Future Land Use and Character Map for 22.655 acres from the Residential Low-Medium Density (LMDR) land use character to the Office/Institutional (OI) land use character for property located at the southwestern corner of the intersection of Regency Boulevard and the CSX Railroad








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General Location Map

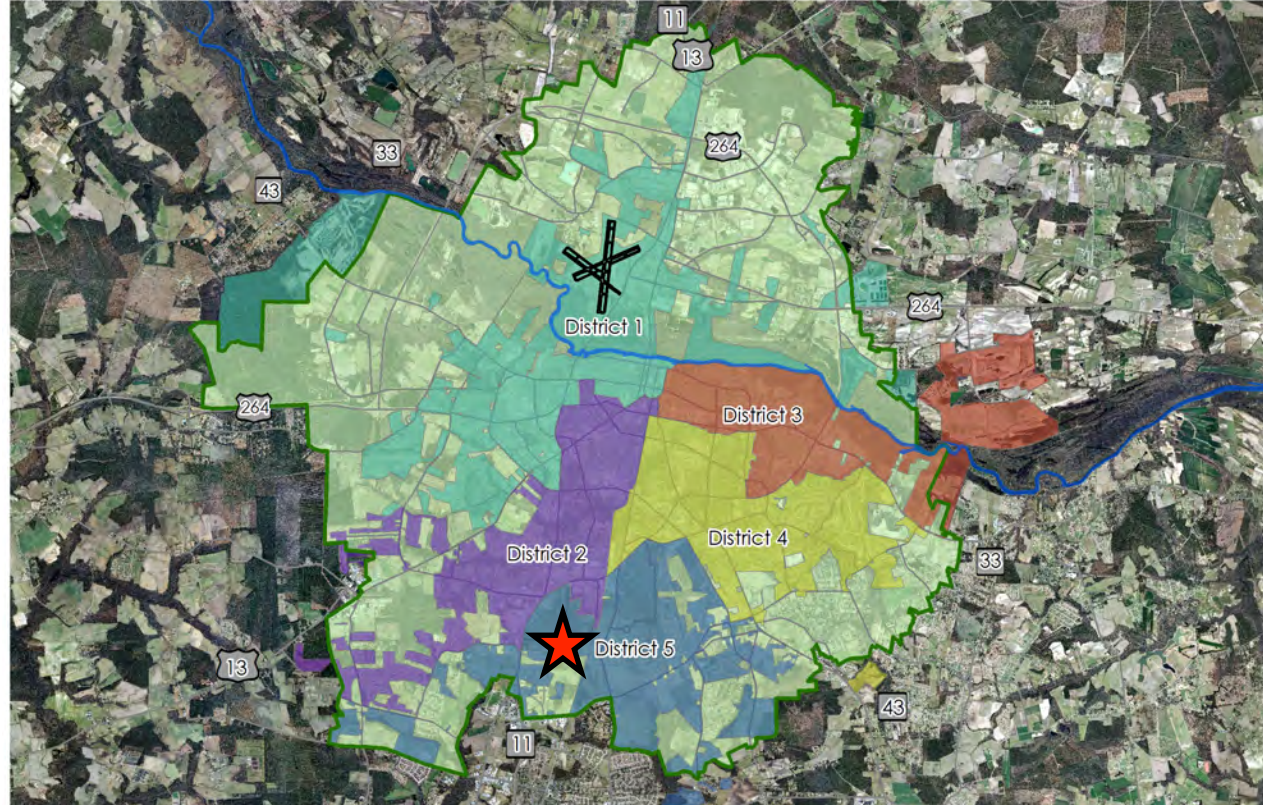
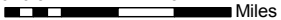
Legend

-  Greenville's ETJ
-  Tar River
-  Pitt-Greenville Airport (PGV)

City Council Voting District




-  District 1
-  District 2
-  District 3
-  District 4
-  District 5

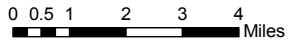
0 0.5 1 2 3 4 Miles



Aerial Map (2012)

Legend

-  Land Parcels
-  FLUP Change
-  Train Tracks






Regency Boulevard


















Existing Land Use

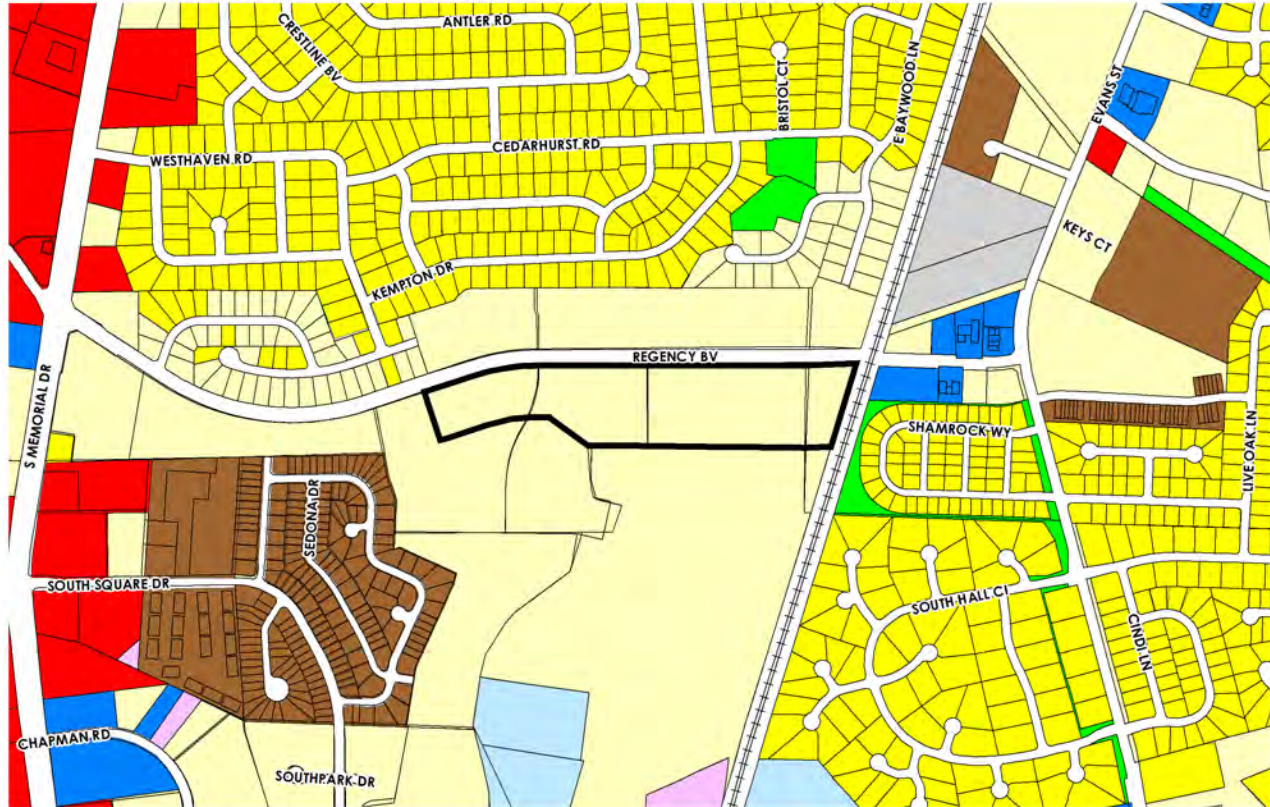
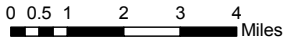
Legend

-  Land Parcels
-  FLUP Change
-  Train Tracks





EXISTING LANDUSE

-  Cemetery
-  Commercial
-  Duplex
-  Industrial
-  Institutional
-  Landfill
-  Mobile Home
-  Mobile Home Park
-  Multi-Family
-  Office
-  Public Parking
-  Recreation
-  Single Family
-  Utility
-  Vacant



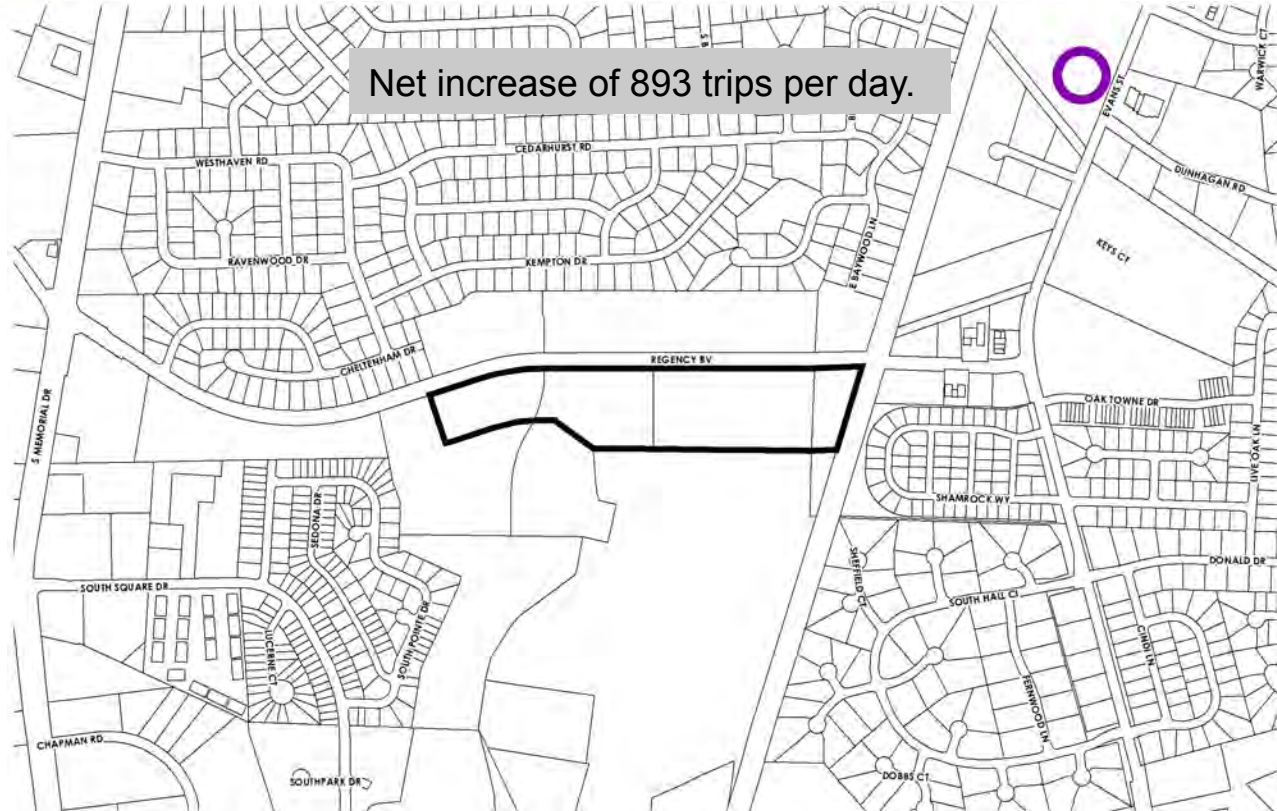
Activity Centers

Legend

-  Land Parcels
-  FLUP Change
-  Train Tracks





































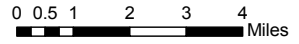
-  Neighborhood Activity Center
-  Community Activity Center
-  Regional Activity Center
-  Employment Center



Zoning Map




Legend

	Land Parcels		OR
	Train Tracks		OR-UC
	FLUP Change		R6
	CD		R6A
	CDF		R6A-CA
	CG		R6A-RU
	CH		R6MH
	CN		R6N
	MCH		R6S
	MCG		R9
	I		R9S
	IU		R9S-CA
	PIU		R15S
	MI		PUD
	MO		MR
	MS		MRS
	O		RA20



















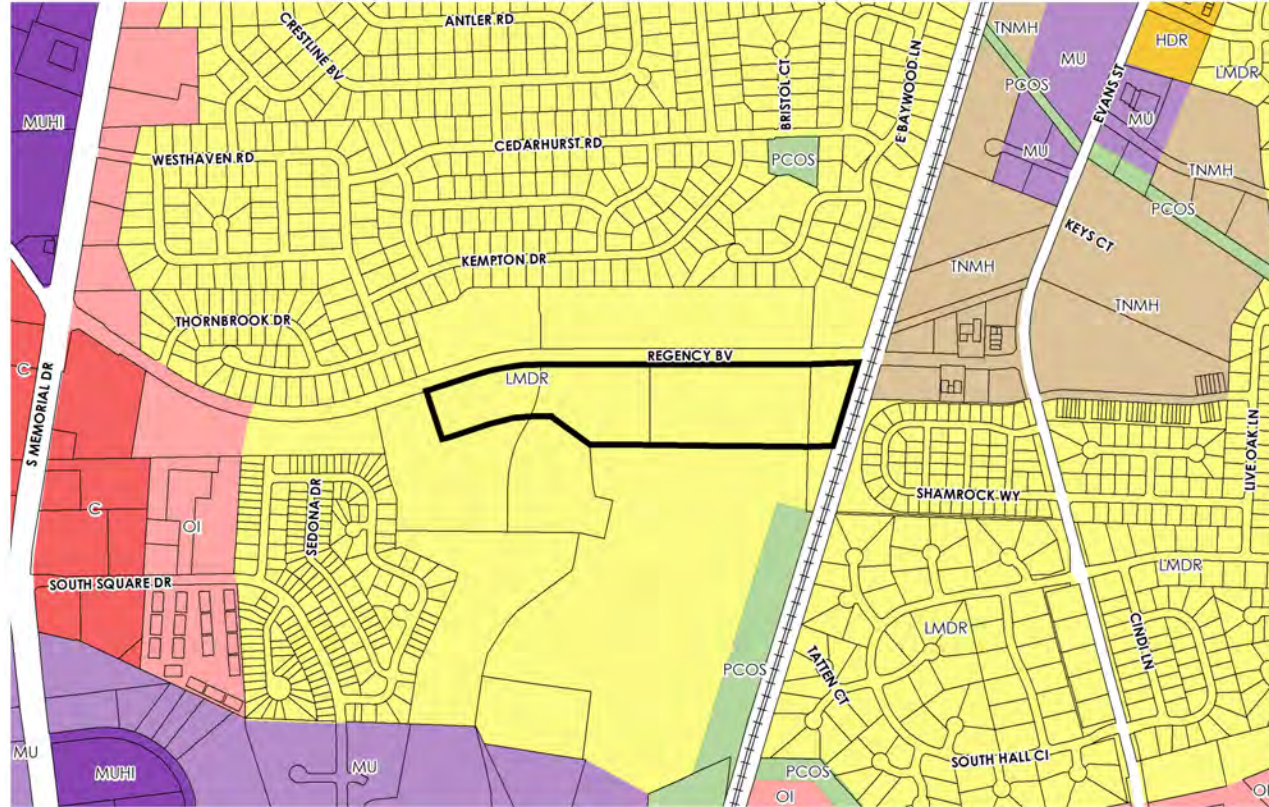
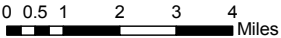
Future Land Use & Character Map

Legend

-  Land Parcels
-  FLUP Change
-  Train Tracks



-  PCOS - Potential Conservation and Open Space
-  UC - Uptown Core
-  UE - Uptown Edge
-  MUHI - Mixed Use, High Intensity
-  MU - Mixed Use
-  C - Commercial
-  OI - Office and Institutional
-  UN - Uptown Neighborhood
-  TNMH - Traditional Neighborhood, Medium to High Density
-  TNLM - Traditional Neighborhood, Low to Medium Density
-  HDR - Residential, High Density
-  LMDR - Residential, Low to Medium Density
-  UI - University Institutional
-  MC - Medical Core
-  MT - Medical Transition
-  IL - Industrial / Logistics



History

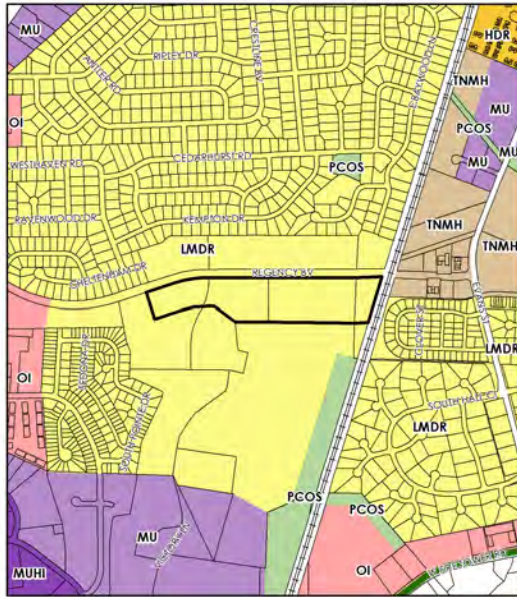
2015-2016 CPC held 9 meetings, 2 open houses and a 2-day workshop

2 meetings and the workshop were focused on the Future Land Use and Character map to gather ideas, input, and comments from all interested parties

Principles:

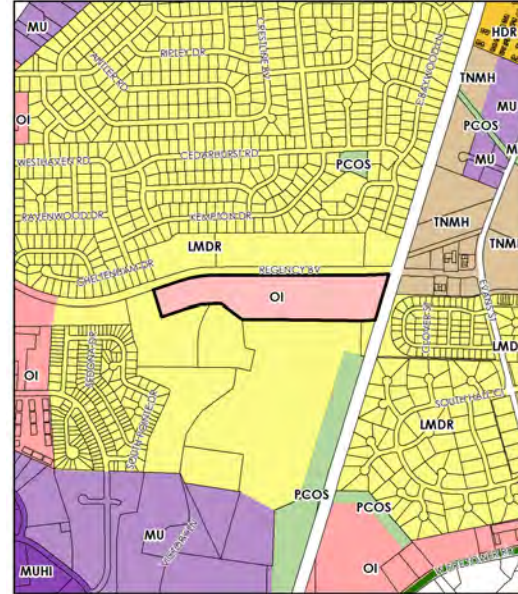
- 1. Infill and redevelopment are priorities**
- 2. Quality design**
- 3. Greater intensity of development in some locations**
- 4. Create well-connected places**
- 5. A vibrant Uptown**
- 6. Create neighborhoods, maintain established ones**
- 7. Protect natural features/amenities**
- 8. Sustainable development practices**

Future Land Use & Character Map



 Land Parcels	 MU - Mixed Use, High Intensity	 OI - Office and Institutional	 TNMH - Traditional Neighborhood, Medium to High Density	 LMDR - Residential, Low to Medium Density	 MT - Medical Transition
 PCOS - Potential Conservation and Open Space	 MU - Mixed Use	 UN - Uptown Neighborhood	 HDR - Residential, High Density	 UI - University Institutional	 IL - Industrial / Logistics
 UC - Uptown Core	 MU - Mixed Use	 UN - Uptown Neighborhood	 HDR - Residential, High Density	 MC - Medical Core	

Proposed Future Land Use & Character Map



 Land Parcels	 UE - Uptown Edge	 C - Commercial	 TNMH - Traditional Neighborhood, Medium to High Density	 LMDR - Residential, Low to Medium Density	 MT - Medical Transition
 PCOS - Potential Conservation and Open Space	 MUHI - Mixed Use, High Intensity	 OI - Office and Institutional	 TNLM - Traditional Neighborhood, Low to Medium Density	 UI - University Institutional	 IL - Industrial / Logistics
 UC - Uptown Core	 MU - Mixed Use	 UN - Uptown Neighborhood	 HDR - Residential, High Density	 MC - Medical Core	

Item 21

Ordinance amending the
Subdivision Ordinance to Extend
the Review Time of Preliminary
Plats by Ten Working Days



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- Jan. 17: P & Z recommended a Subdivision Ordinance Text Amendment to City Council to extend the plat review time by 20 days.
- Feb. 9: City Council approved a motion to continue this item. & ordered a town hall meeting with the development community & return with responses.
- March 6: The City held a town hall meeting. The development community responded that a 20 day extension would be cumbersome to development, but 10 days would be a fair compromise for a total review time of 30 days.
- March 20: City Council approved a motion to return this item to the P & Z with a recommendation to consider an extension for preliminary plat reviews of 10 days instead of 20 days.
- March 21: P & Z revised their recommendation of the Subdivision Ordinance text amendment to City Council to extend the plat review time by 10 days.

Timeline for 30 Days to Review Preliminary Plats

- 30 working days** - Receive submittal from applicant by 5:00 pm
- 29 working days** - Route plats to reviewing departments
- 22 working days** - Receive comments from review departments
- 21 working days** - Comments returned to applicant
- 16 working days** - Applicant returns revised plat
- 15 working days** - Route revised plats to reviewers who made revisions
- 14 working days** - Deadline to submit City Page advertisement request
- 11 working days** - First advertisement date
- 7 working days** - Mail adjoining property owner notices
- 6 working days** - Second advertisement date

Planning and Zoning Commission Recommendation, 3/21/2017:

The Planning and Zoning Commission unanimously approved a motion to recommend approval of the proposed ordinance to extend the review time of preliminary plats by ten working days.

Item 22

Memorandum of Understanding
Between Greenville Utilities
Commission and the City of
Greenville Regarding Methodology
Used to Administer the GUC
Transfer to the City



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GUC TRANSFER IN
MEMORANDUM OF UNDERSTANDING



GUC TRANSFER IN

Section 7 of the Charter of Greenville Utilities Commission (GUC) of the City of Greenville States:

"...the Greenville Utilities Commission shall annually transfer to the City , unless reduced by the City Council, an amount equal to six percent (6%) of the difference between the electric and natural gas system's net fixed assets and total bonded indebtedness plus annually transfer an amount equal to fifty percent (50%) of the Greenville Utilities Commission's retail cost of service for the City of Greenville's public lighting."



GUC TRANSFER IN

GUC Transfer In Formula as Included in Section 7 of the Charter:

General Transfer:

+	Capital Assets, Net of Depreciation	(As Reported in GUC Audit)
-	Long-Term Debt	(As Reported in GUC Audit)
=	<u>Net Transfer Base</u>	
x	<u>6.0% Transfer Rate</u>	
=	<u>General Transfer to City</u>	

Street Light Reimbursement:

+	Street Light Revenue	(Based on Current Yr Revenues,
x	<u>50% Transfer Rate</u>	Reimbursed Monthly)
=	<u>Street Light Reimbursement</u>	

Total Annual GUC Transfer

+	General Transfer to City	
+	<u>Street Light Reimbursement</u>	
=	<u>Total GUC Transfer</u>	



GUC TRANSFER IN

ISSUES WITH CURRENT METHODOLOGY USED TO ADMINISTER TRANSFER FORMULA

- 1. BASIS OF TRANSFER BUDGET \neq BASIS OF ACTUAL TRANSFER**
- 2. TRANSFER IS BASED ON ONE YEAR OF AUDIT ACTUAL**



GUC TRANSFER IN

1. BASIS OF TRANSFER BUDGET \neq BASIS OF ACTUAL TRANSFER

Transfer Budget:

- BUDGET for the New Budget Year is Established in May/June Prior to the Beginning of the New Fiscal Year Budget.
- GUC Develops the Budget Based on the Following:
 - Projected Year-End Net Assets and Capital Debt
 - Projections from Engineers as to the Projects that will be Started, Completed, and/or in Progress Prior to the Beginning of the New Budget Year.



GUC TRANSFER IN

1. BASIS OF TRANSFER BUDGET \neq BASIS OF ACTUAL TRANSFER


Actual Transfer:

- The ACTUAL Transfer in the New Budget Year is Equal to the Prior Year Audit Amount (i.e. FY2016-17 Actual Transfer is Equal to the FY2015-16 Audit Calculation)
- The ACTUAL Transfer to the City in the New Budget Year Is:
 - Not Known During the Budget Process
 - Not Known Until the End of the Prior Year Audit, Which is Usually Several Months After the Beginning of the New Budget Year.



GUC TRANSFER IN

1. BASIS OF TRANSFER BUDGET \neq BASIS OF ACTUAL TRANSFER

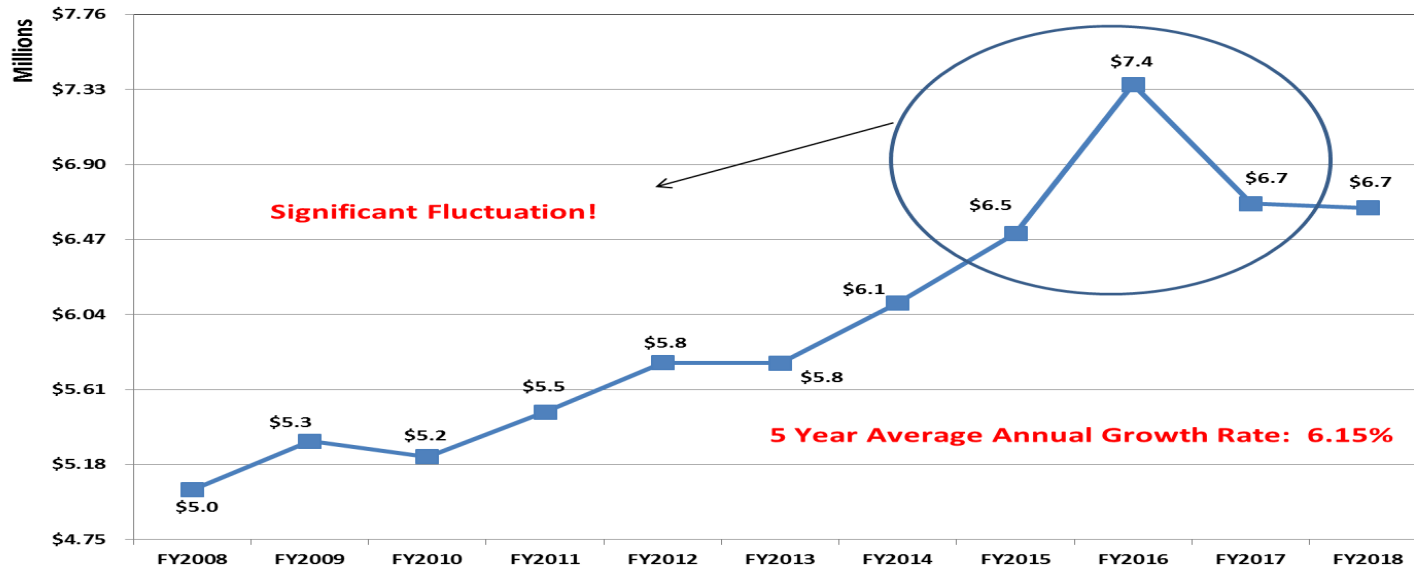
	Basis For GUC Transfer Budget	\neq	Basis For GUC Actual Transfer	} Results in Increased Level of Budget Uncertainty
		2015-16 Actual	2016-17 Budget	2017-18 Plan
Budget GUC Transfer	\$ 6,500,000	\$ 6,498,420	\$ 7,135,013	
Actual GUC Transfer	7,358,265	5,994,852	6,500,000	
Difference	\$ 858,265	\$ (503,568)	\$ (635,013)	



GUC TRANSFER IN

2. TRANSFER IS BASED ON ONE YEAR OF AUDIT ACTUAL

- Using Only One Prior Year Audit to Establish the Actual Transfer Can Result in Significant Swings in the Transfer From One Year to the Next Due to Timing of Debt Issuances and New Asset Additions.





GUC TRANSFER IN

NEW METHODOLOGY USED TO ADMINISTER TRANSFER FORMULA

General Transfer:

- **Actual Transfer will Equal a 3 Year Average of Audited Numbers with the Most Recent Fiscal Year Included in the Average Being 2 Fiscal Years in Arrears**
- **See Example**

Street Light Reimbursement:

- **No Change in Methodology**



GUC TRANSFER IN

NEW METHODOLOGY EXAMPLE

FY2016-17 General Transfer

FY2017-18 General Transfer

Prior Three Year Audit Average:

FY2012-13 Audit Calculation	5,359,687
FY2013-14 Audit Calculation	5,747,833
FY2014-15 Audit Calculation	6,592,442
FY2016-17 General Transfer Amount	<u>5,899,987</u>

Prior Three Year Audit Average:

FY2013-14 Audit Calculation	5,747,833
FY2014-15 Audit Calculation	6,592,442
FY2015-16 Audit Calculation	5,219,432
FY2017-18 General Transfer Amount	<u>5,853,236</u>



GUC TRANSFER IN

CURRENT METHODOLOGY

	2016-17 Budget	2017-18 Plan	Two Year Total
Budget GUC Transfer	\$ 6,498,420	\$ 7,135,013	13,633,433
Actual GUC Transfer	5,994,852	6,500,000	12,494,852
Difference	\$ (503,568)	\$ (635,013)	(1,138,581)

NEW METHODOLOGY

	2016-17 Budget	2017-18 Plan	Two Year Total
Budget GUC Transfer	\$ 6,498,420	\$ 7,135,013	13,633,433
Actual GUC Transfer	6,675,407	6,651,919	13,327,326
Difference	\$ 176,987	\$ (483,094)	(306,107)



GUC TRANSFER IN SUMMARY

- **The Proposed Memorandum of Understanding Details the New Methodology Used to Administer the GUC Transfer**
- **The New Methodology Will:**
 - a. Ensure that the Actual Transfer Amount is Equal to the Budget Amount**
 - b. Minimize and Reduce Transfer Fluctuations that Result From the Timing of Debt Issuances and New Asset Additions**
- **HOWEVER, the New Methodology WILL NOT Eliminate the Chance of Large Fluctuations that are Inherent in the Charter Formula**
- **Staff of GUC and the City Must Continue to Work Closely and Monitor the Impact that the Timing of Debt Issuances and New Asset Additions will Have on Future Transfers**



GUC TRANSFER IN SUMMARY

- **The Proposed Memorandum of Understanding is Effective for Fiscal Year 2016-17 and for Subsequent Years**
- **After FY 2020-21, the Memorandum of Understanding will Continue Until Either the City or GUC Provides Written Notice of Termination to the Other Party No Later Than December 31**
- **Staff Recommends Approval of the Memorandum of Understanding Between the City and GUC**



Item 23

Preview of the City's 2017-18
proposed General Fund budget



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GENERAL FUND BUDGET PREVIEW

PROPOSED 2017-18 BUDGET

PROPOSED GENERAL FUND BUDGET 2017-18

BUDGET CALENDAR

- **April 10, 2017** **City Council General Fund Budget Preview**
- April 24, 2017 Joint City Council-Greenville Utilities Commission Meeting
- May 3, 2017 Proposed City, GUC, SML, and CVA Budgets Distributed to City Council
- May 8, 2017 Balanced City Budget Presented to Council
- May 11, 2017 Proposed GUC,SML,& CVA Presented to Council
- May 19, 2017 Public Display of Balanced Budgets
- June 5, 2017 Public Hearing- Fiscal Year 2017-18 Budget
- June 8, 2017 Proposed Adoption of Fiscal Year 2017-18 Budget



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GENERAL FUND BUDGET PREVIEW

2017-18 PROPOSED BUDGET HIGHLIGHTS



GENERAL FUND BUDGET PREVIEW

2017-18 PROPOSED BUDGET HIGHLIGHTS

- ✓ Maintains Current Tax Rate at 52 ¢
- ✓ Strengthens the City's Top Priority to Provide All Citizens With High-Quality Services by Investing 86% of All General Fund Revenues Into Core Public Service Areas and Obligated Debt:

Police	30.5%
Public Works	17.1%
Fire / Rescue	17.0%
Recreation & Parks	12.0%
General Obligated Debt Service	5.8%
Community Development	3.5%
Total	<u>85.9%</u>



GENERAL FUND BUDGET PREVIEW

2017-18 PROPOSED BUDGET HIGHLIGHTS

- ✓ Provides for an Average 2.0% Salary Increase for Employees Broken Down as Follows:
 - 1.0% Cost of Living Increase
 - 1.0% Merit Increase
- ✓ Includes Funding for an Additional 2.0 – 4.0 Police Positions (Grant Pool)
 - This is in Addition to the 4.0 – 6.0 Potential Grant Pool Positions Included in the 2016-17 Budget
- ✓ Provides for the Operation of a New Employee Health Clinic Funded by \$104,545 in General Fund Appropriations and Appropriations From the Health Fund



As Included in the
Financial Plan



GENERAL FUND BUDGET PREVIEW

2017-18 PROPOSED BUDGET HIGHLIGHTS

- ✓ Increases Street Improvement Project Funding from \$1.7 Million to \$2.0 Million
 - This is in Addition to the \$10 Million in Street Improvement Funding Included in the 2015 G.O. Bond
 - Since FY2014-15 the City has Appropriated Approximately \$17.35 Million Into Street Improvements
 - This Equates to Approximately 100 Lane Miles of Re-Surfacing
- ✓ Includes \$461,033 in Funding for the Town Common Project, Council's #1 Priority
 - This is in Addition to \$851,663 in Funding Included in the 2016-17 Budget



GENERAL FUND BUDGET PREVIEW

2017-18 PROPOSED BUDGET HIGHLIGHTS

- ✓ Provides \$1.54 Million in Appropriations to Support the City's Deferred Maintenance and Infrastructure Needs (i.e. Facility Improvement Projects)
 - This Program was Created in FY2015 Through a 1¢ Increase in the Property Tax Rate and Department Operating Expense Reductions

- ✓ Includes a \$110,000 Increase in Departmental Discretionary Budget Expenses
 - The FY2017-18 Proposed Discretionary Budget Stands at \$8,640,101 (Same Level as Budgeted for FY2011-12)
 - Approximately \$96,423 (88%) of the Increase is Appropriated to Core Service Areas and Information Technology Infrastructure



GENERAL FUND BUDGET PREVIEW

2017-18 PROPOSED BUDGET HIGHLIGHTS

- ✓ Provides Funding of \$2,422,631 to Fund Various Capital Projects of Strategic Importance to the Council
 - The Projects Funded Include, but are not Limited to, the Following:

Eastside Park	\$ 150,000
ECU Neighborhood Area Cameras	21,967
Information Technology Infrastructure	118,000
Mast Pole Arm Replacment	100,000
Street Light Improvements	100,000
Tar River Legacy Plan	319,000
Town Common Renovation	461,033
Traffic Calming / Progression	60,000
Westside Park Development	200,000



GENERAL FUND BUDGET PREVIEW 2017-18 PROPOSED BUDGET HIGHLIGHTS

- ✓ The 2017-18 Proposed General Fund Budget is a Strong Reflection of the City's Mission:

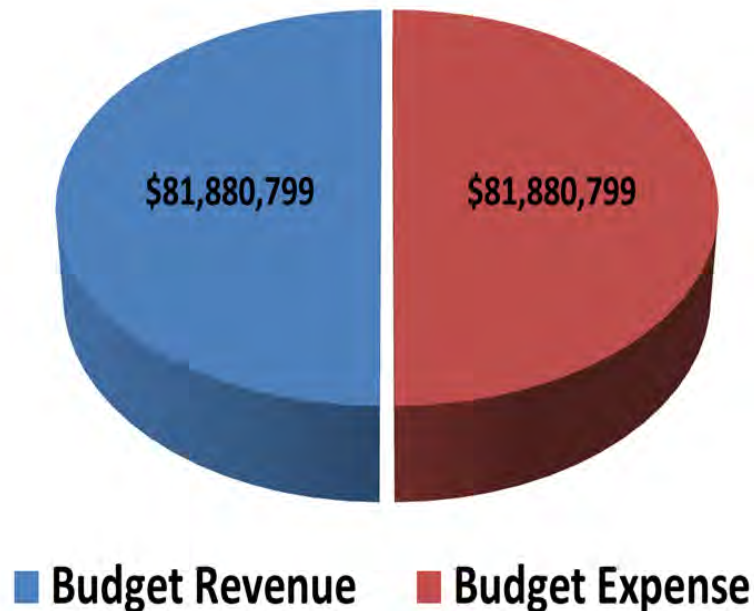
To Provide All Citizens With High-Quality Services in an Open, Inclusive, Professional Manner, Ensuring a Community of Excellence Now and in the Future



GENERAL FUND BUDGET PREVIEW 2017-18 PROPOSED BUDGET

2017-18 Budget Plan	\$ 81,950,799
Budget Adjustment	(70,000)
2017-18 Proposed Budget	<u>\$ 81,880,799</u>

% Decrease **-0.09%**





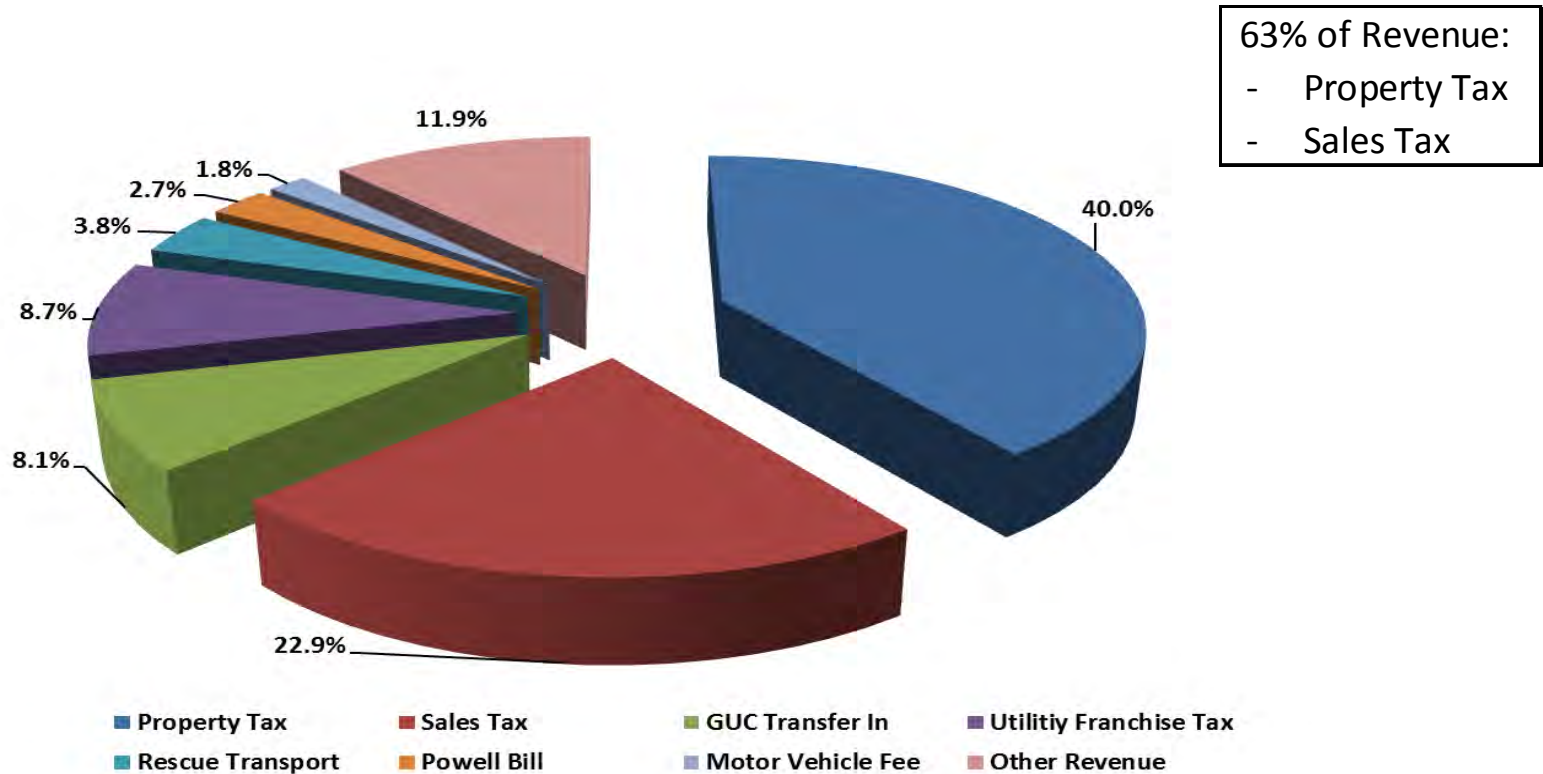
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GENERAL FUND BUDGET PREVIEW

2017-18 PROPOSED GENERAL FUND REVENUES



2017-18 PROPOSED GENERAL FUND BUDGET REVENUES





2017-18 PROPOSED GENERAL FUND BUDGET REVENUES

	Budget FY2016-17	Projected Actual FY2016-17	Proposed Budget FY2017-18	
Property Tax	\$ 32,444,935	\$ 32,268,416	\$ 32,750,000	} 88% of Revenue
Sales Tax	17,831,023	18,356,333	18,790,000	
GUC Transfer In	6,459,112	6,675,407	6,651,919	
Utility Franchise Tax	7,158,899	6,953,609	7,102,077	
Rescue Transport	3,096,519	3,096,519	3,127,484	
Powell Bill	2,220,065	2,220,065	2,220,065	
Motor Vehicle Fee	1,383,674	1,383,674	1,503,457	
Inspections	916,402	1,248,301	950,000	
Recreation	1,979,690	1,779,690	1,999,487	
Investment Earnings	500,000	450,000	500,000	
Other Revenue	6,854,237	6,662,148	5,107,966	
Fund Balance Appropriated				
General Fund	1,078,808	-	465,766	
Powell Bill Fund	717,186	-	712,578	
Total	\$ 82,640,550	\$ 81,094,162	\$ 81,880,799	

Note: The FY2016-17 Revenues Include the Following Items Not Included in the FY2017-18 Revenues:

- \$1.5 Million From the Sale of the Police / Fire Parking Lot
- \$1.0 Million Appropriation of Fund Balance to Purchase the Imperial Site



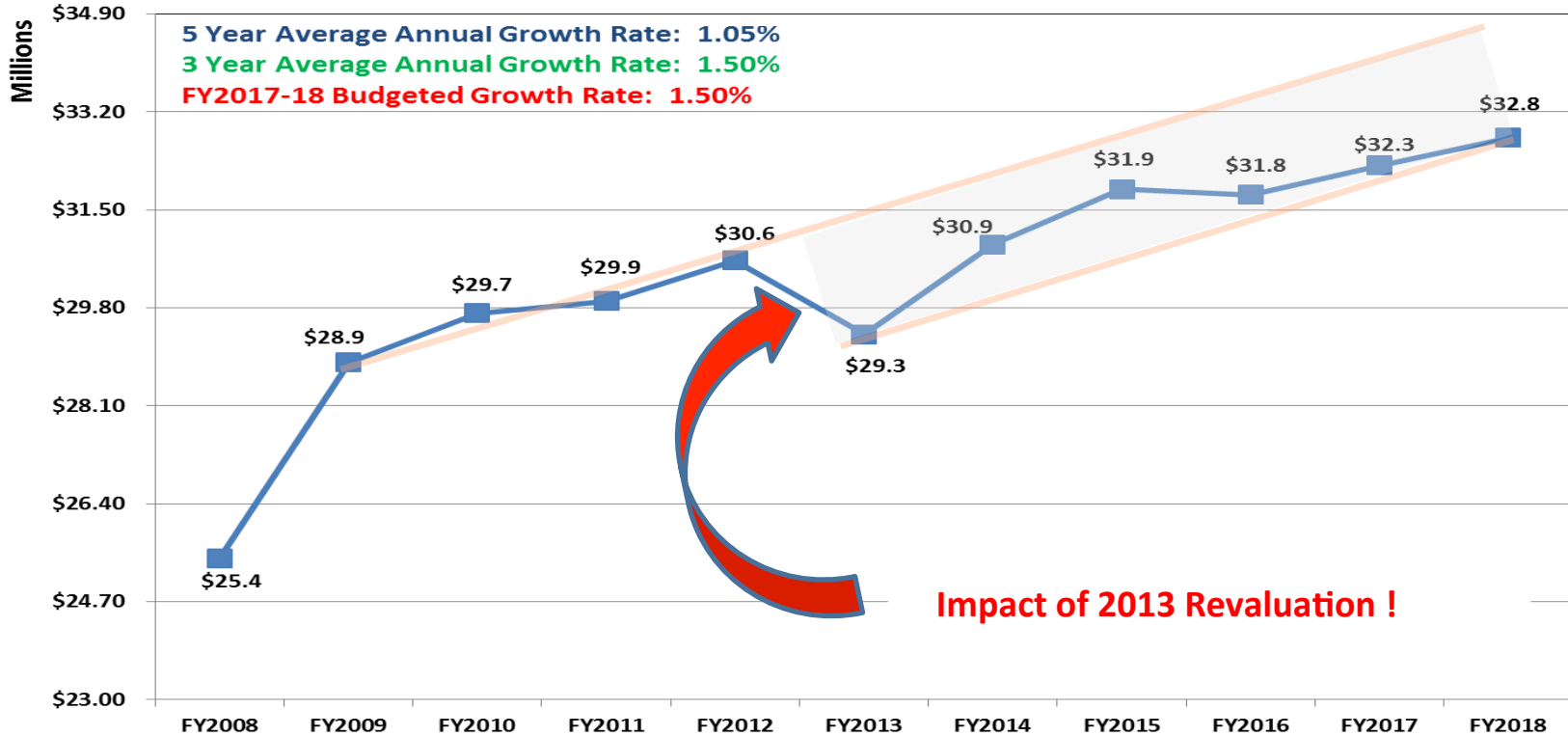
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GENERAL FUND BUDGET PREVIEW

2017-18 PROPOSED PROPERTY TAX REVENUE



CITY OF GREENVILLE HISTORICAL PROPERTY TAX REVENUE





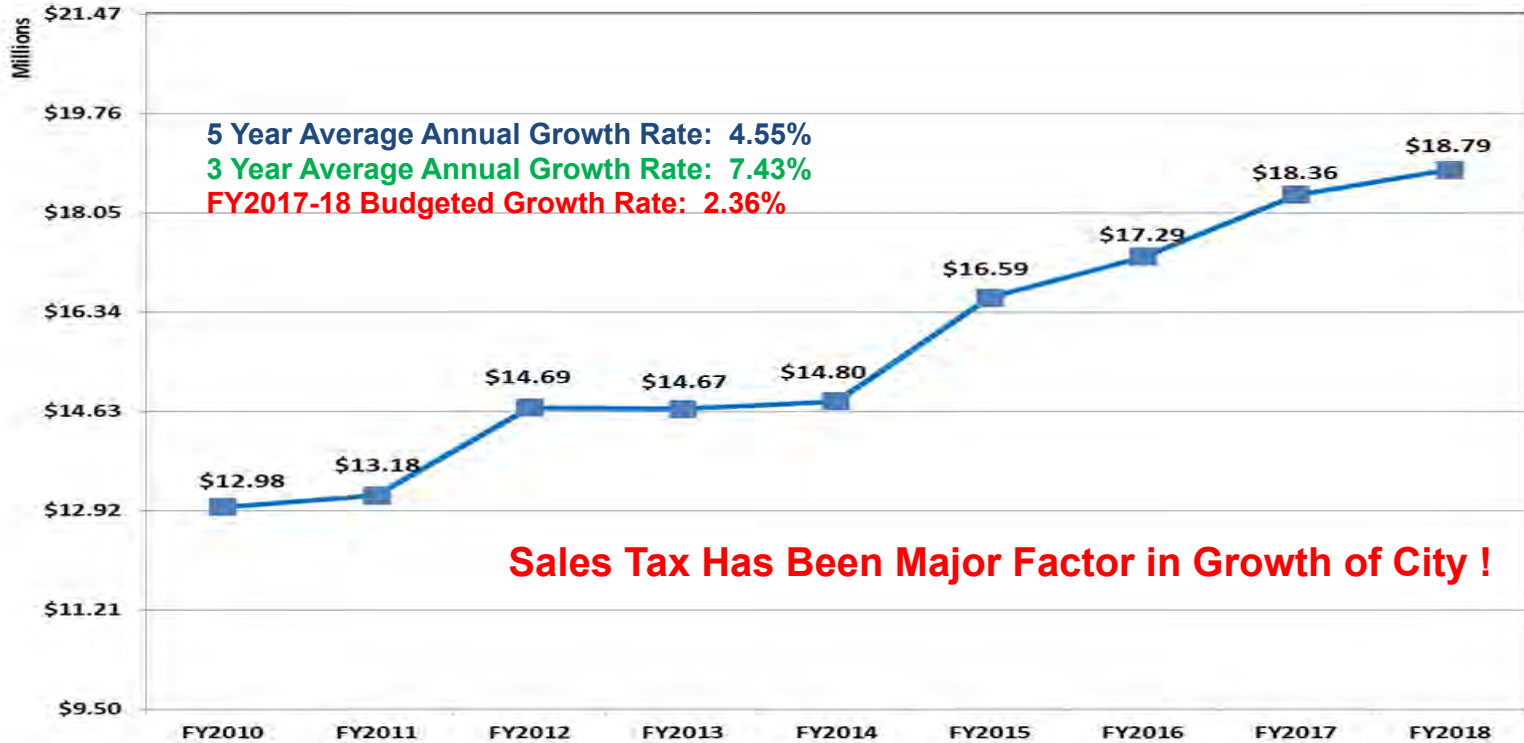
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GENERAL FUND BUDGET PREVIEW

FY2017-18 PROPOSED SALES TAX REVENUE



CITY OF GREENVILLE HISTORICAL SALES TAX REVENUE





PROPERTY TAX vs. SALES TAX

	FY2010-11		FY2016-17	
	Revenue	%	Revenue	%
Property Tax	\$29.70 M	69.3%	\$32.30 M	63.8%
Sales Tax	\$13.18 M	30.7%	\$18.36 M	36.2%
Total	\$42.88 M	100.0%	\$50.66 M	100.0%

Approximately 67% of Growth Coming From Sales Tax !



PROPOSED LEGISLATION POTENTIALLY IMPACTING SALES TAX

Senate Bill 126:

- Changes the Distribution of the Article 40 ½ Cent Local Options Sales Tax
- Under Current Legislation, the Amount of Article 40 Sales Tax Allocated to Each County is Increased/Decreased by an Adjustment Factor
- Under SB126, Distribution would Change from the Current Distribution Adjustment Factors to the Economic Tiers

EDGE Committee:

- EDGE = Economic Development & Global Engagement Oversight Committee
- Committee is Considering Possible Changes to County Commerce Tier Rankings



PROPOSED LEGISLATION POTENTIALLY IMPACTING SALES TAX

- The Following are the Article 40 Adjustment Factors for Pitt County (i.e. Greenville) Under the Current Legislation Compared to Proposed Legislation

Scenario	Adjustment Factor	Impact on Article 40 Revenue
Current Legislation	1.07	No Change
Senate Bill 126	1.00	Reduction In Revenue
EDGE Committee	1.10	Increase in Revenue

- **The FY2017-18 Sales Tax Budget will be Re-Evaluated Based on:**
 - **YTD FY2016-17 Revenue through February**
 - **Legislative Changes**



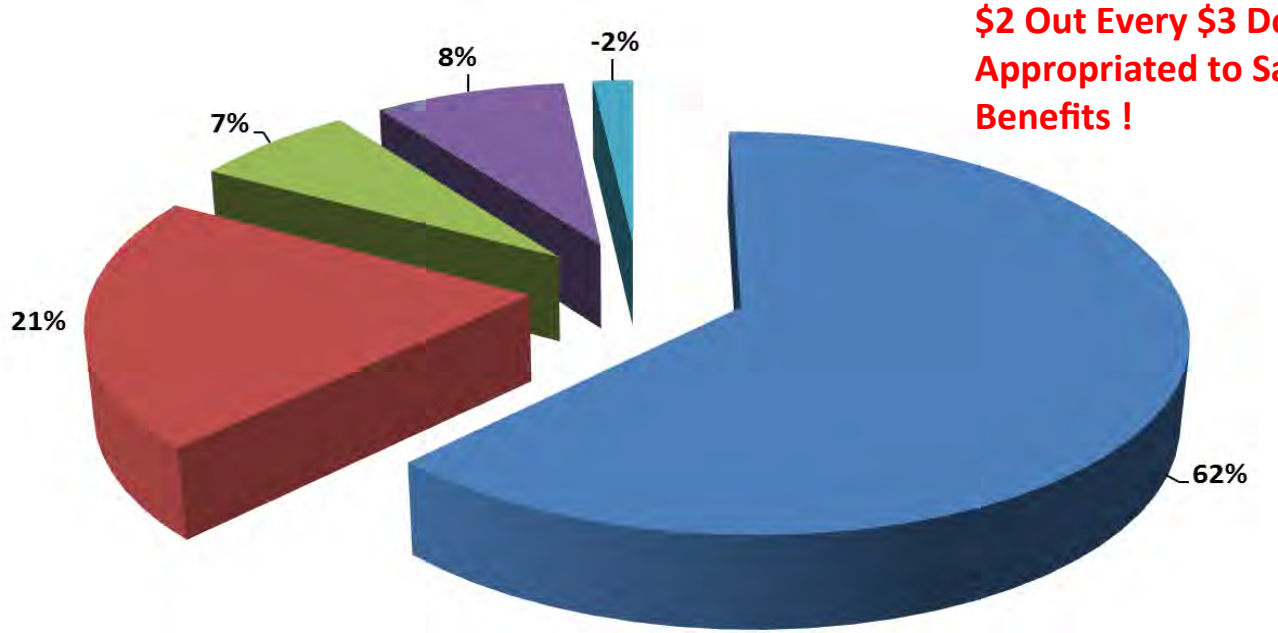
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GENERAL FUND BUDGET PREVIEW

FY2017-18 PROPOSED GENERAL FUND EXPENSES



2017-18 PROPOSED GENERAL FUND BUDGET EXPENSES



**\$2 Out Every \$3 Dollars
Appropriated to Salaries and
Benefits !**

- Personnel
- Operating
- Capital / Facility Projects
- Other Transfers
- Indirect Cost



2017-18 PROPOSED GENERAL FUND BUDGET EXPENSES

	Original Budget FY2016-17	Proposed Budget FY2017-18
Personnel	\$ 50,896,956	\$ 52,920,688
Operating	17,583,164	17,580,441
Capital / Facility Projects	7,301,276	5,964,631
Other Transfers	8,292,013	6,874,558
Indirect Cost	(1,432,859)	(1,459,519)
Total	\$ 82,640,550	\$ 81,880,799

Note: The FY2016-17 Budgeted Expenses Include the Following Items Not Included in the FY2017-18 Budgeted Revenues:

- \$1.5 Million From the Sale of the Police / Fire Parking Lot Used to Fund the Town Common and Dickinson Parking Projects
- \$1.0 Million Appropriation of Fund Balance to Purchase the Imperial Site



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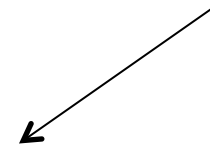
GENERAL FUND BUDGET PREVIEW

FY2017-18 PROPOSED PERSONNEL EXPENSES



GENERAL FUND PROPOSED PERSONNEL EXPENSES

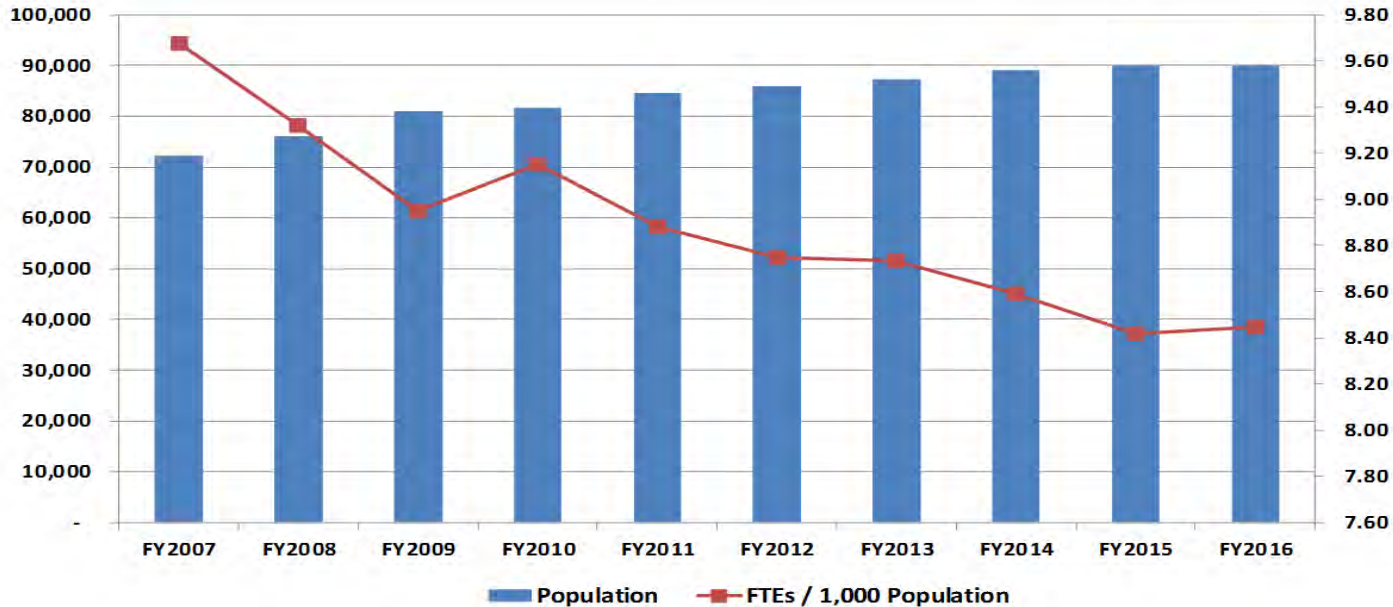
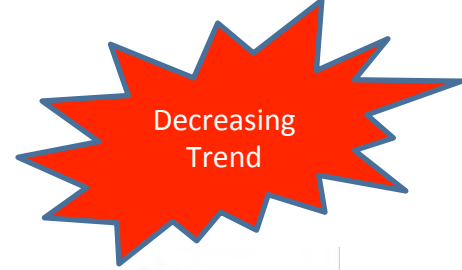
Wage Increase %		
0.50%	=	\$ 187,500
0.70%	=	262,500
1.00%	=	375,000
1.50%	=	562,500
2.00%	=	750,000



- FY2018 Proposed Budget Includes:
 - 2.0% Employee Wage Rate Increase: \$750,000
 - 2.0 – 4.0 Additional Police Positions Through a Grant Pool: \$250,000
 - 6.0% Increase in Employer Paid Health Insurance: \$481,500
 - \$104,545 Appropriated to Operate Employee Health Clinic
 - Personnel Expense has been Reduced by 4.0% to Account for a 4.0% Vacancy: \$1,491,000
- FY2018 Proposed Budget Does Not Include:
 - Any Additional New Departmental Positions
 - Any Position Reclassifications



CITY OF GREENVILLE POSITIONS PER 1,000 POPULATION



	FY2007	FY2008	FY2009	FY2010	FY2011	FY2012	FY2013	FY2014	FY2015	FY2016
Population	72,333	76,058	81,092	81,747	84,554	86,017	87,242	89,130	89,852	90,000
FTEs / 1,000 Population	9.68	9.32	8.95	9.15	8.88	8.75	8.73	8.59	8.42	8.45



EMPLOYEE WAGE RATE INCREASE HISTORY

Year	Increase	
2010-11	0.0%	} 1.4% Average Per Year
2011-12	1.5%	
2012-13	2.5%	
2013-14	0.0%	
2014-15	1.5%	
2015-16	2.0%	
2016-17	2.0%	
* 2017-18	2.0%	

Note: The 2017-18 Financial Plan Includes a 2.0% Salary Rate Increase Comprised of a 1.0% Market Increase and a 1.0% Merit Increase



EMPLOYEE WAGE RATE INCREASE COMPARISON

The Following are the Projected Market Wage Increases for 2017-18 Based on Public and Private Employer Benchmark Surveys:

Public Sector Benchmark	3.20%
Private Sector Benchmark	3.10%
COG 2017-18 Plan	2.00%



EMPLOYEE PAID BENEFITS COMPARISON

The Following is a Comparison of the Primary Employer Paid Benefit Percentages for the City and its Municipal Benchmarks:

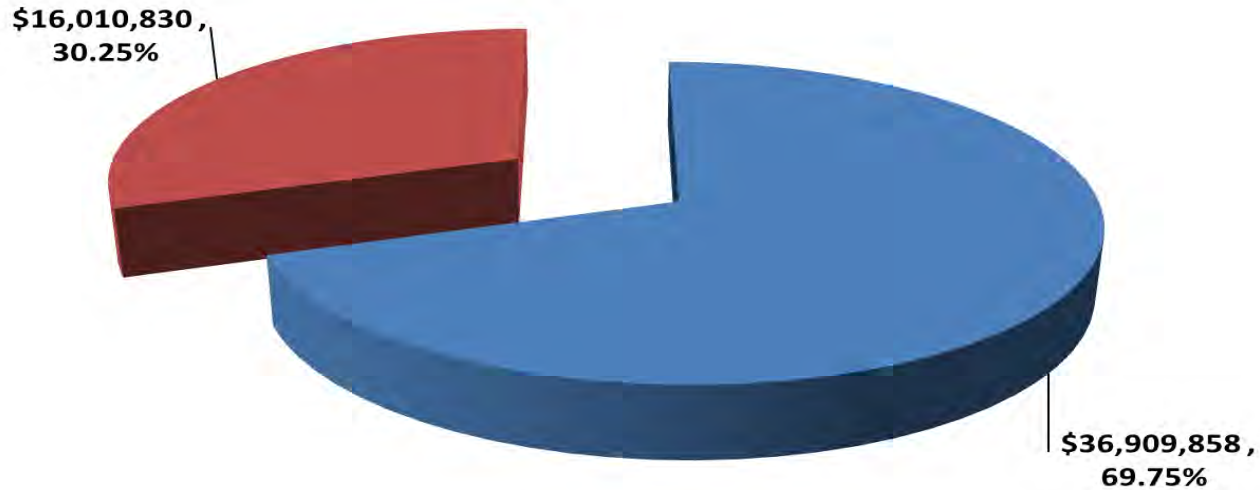
	Employer Paid Health %	Employer Paid 401k
Municipal Benchmark	75.30%	3.4% of Salary
City of Greenville	85.00%	1.5% of Salary (Avg)

Note: The City Contributes \$750 per Employee to the 401k Program. This Equates to an Average of 1.5% of Salary Based on an Average Salary of \$50,000.



2017-18 PROPOSED GENERAL FUND PERSONNEL EXPENSES

\$52,920,688 Total



■ Salary Expense ■ Benefit Expense



2017-18 PROPOSED GENERAL FUND PERSONNEL EXPENSES

	Budget Before Vacancy Adj	4% Vacancy Adjustment	Budget After Vacancy Adj
Salary Expense	\$ 38,189,103	\$ (1,279,245)	\$ 36,909,858
Benefit Expense	16,223,249	(212,419)	16,010,830
Total	\$ 54,412,352	\$ (1,491,664)	\$ 52,920,688



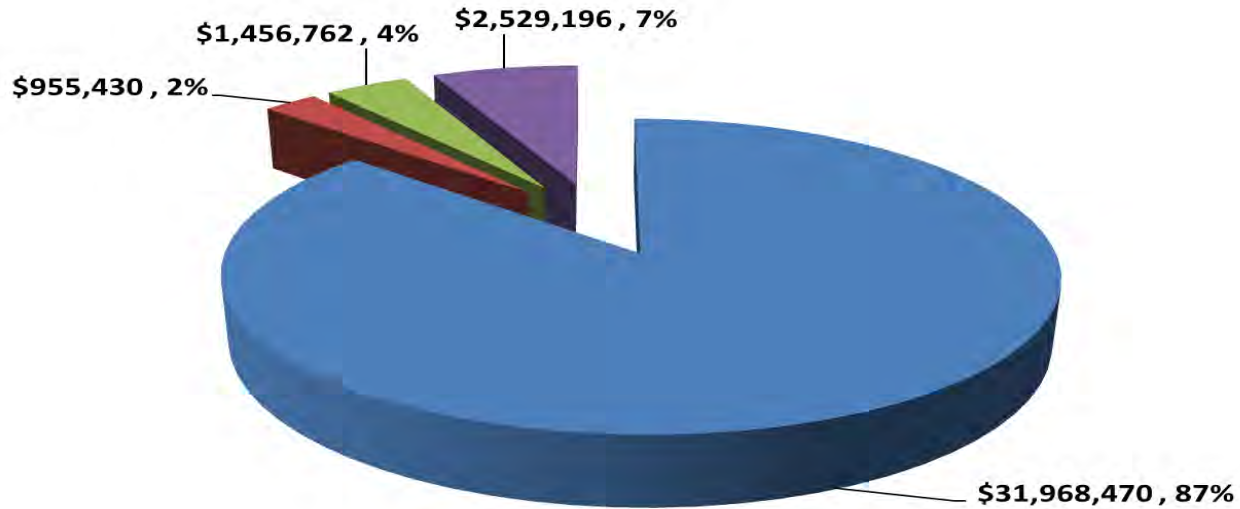
Reduction in Excess Fund Balance at End of the Year



2017-18 PROPOSED GENERAL FUND PERSONNEL EXPENSES

SALARY EXPENSE

\$36,909,858 Total



■ Regular Salary
■ Overtime

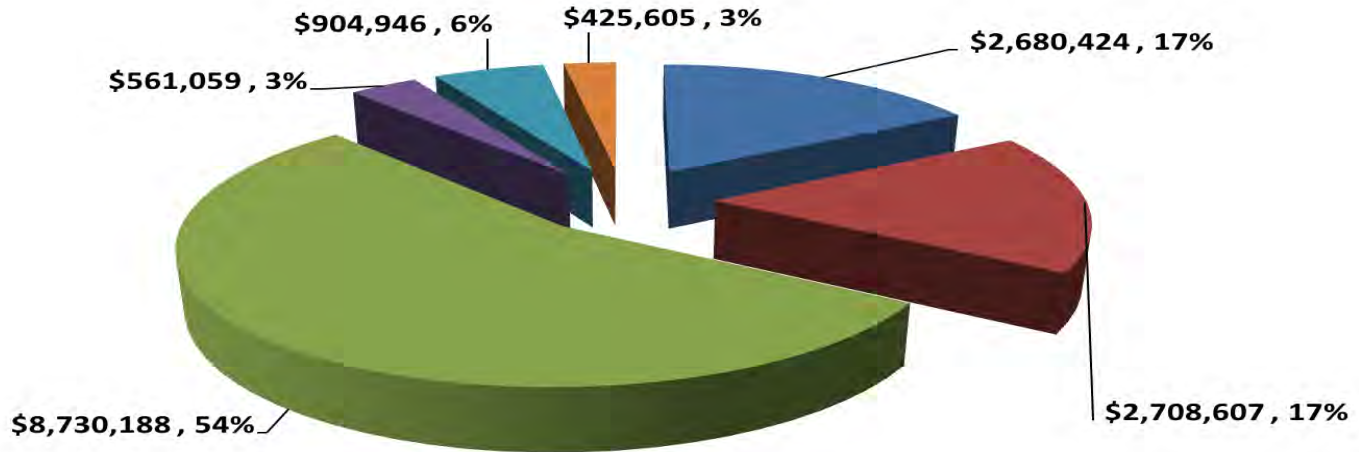
■ Part-Time
■ Other Salary Expense



2017-18 PROPOSED GENERAL FUND PERSONNEL EXPENSES

BENEFIT EXPENSE

\$16,010,830 Total



FICA Expense
Workers Comp

Retire Expense
401K Expense

Health Insurance
Other Benefit Expense



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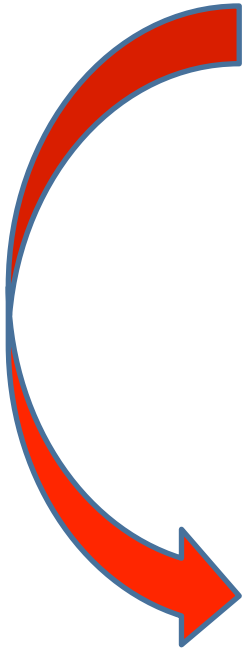
GENERAL FUND BUDGET PREVIEW

FY2017-18 PROPOSED OPERATING EXPENSES



2017-18 PROPOSED GENERAL FUND OPERATING EXPENSES

Discretionary Budget	\$ 8,640,101
Fixed Cost Budget	8,940,340
Total	\$ 17,580,441



Discretionary Expense	
- Repairs & Maintenance	} More Discretion / Influence Over Use
- Supplies & Materials	
- Advertising	
- Dues & Subscriptions	
- Printing	

Fixed Cost Expense	
- Utilities & Fuel	} Minimal Discretion / Influence Over Use
- Computer Hardware / Software	
- Telephone	
- Liability Insurance	
- Fleet & Vehicle Replacement	



2017-18 PROPOSED GENERAL FUND OPERATING EXPENSES

	FY2016-17	FY2017-18	
	Budget	Budget	Change
Discretionary Budget	\$ 8,530,101	\$ 8,640,101	\$ 110,000
Fixed Cost Budget	\$ 9,053,063	8,940,340	(112,723)
Total	\$17,583,164	\$17,580,441	\$ (2,723)



2017-18 PROPOSED DISCRETIONARY OPERATING EXPENSES

Fiscal Year	Discretionary Budget	Change
2011-12	\$ 8,641,402	-
2012-13	8,735,379	\$ 93,977
2013-14	9,397,525	662,146
2014-15	8,309,764	(1,087,761)
2015-16	8,720,561	410,797
2016-17	8,530,101	(190,460)
2017-18	8,640,101	110,000

Discretionary Expense	
- Repairs & Maintenance	} More Discretion / Influence Over Use
- Supplies & Materials	
- Advertising	
- Dues & Subscriptions	
- Printing	

FY2017-18 Funded at Same Level as FY2011-12



2017-18 PROPOSED DISCRETIONARY OPERATING EXPENSES

PROPOSED INCREASE IN DISCRETIONARY EXPENSES

Recreation and Parks	\$ 34,602	31.5%
Public Works	28,501	25.9%
Police	13,295	12.1%
Information Technology	11,218	10.2%
Fire / Rescue	8,807	8.0%
Other Departments	13,577	12.3%
Total	<u>\$ 110,000</u>	<u>100.0%</u>

Approximately \$96,423 (88%) of the Increase is Appropriated to Core Service Areas and Information Technology Infrastructure !



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GENERAL FUND BUDGET PREVIEW

FY2017-18 PROPOSED CAPITAL & FACILITY PROJECTS



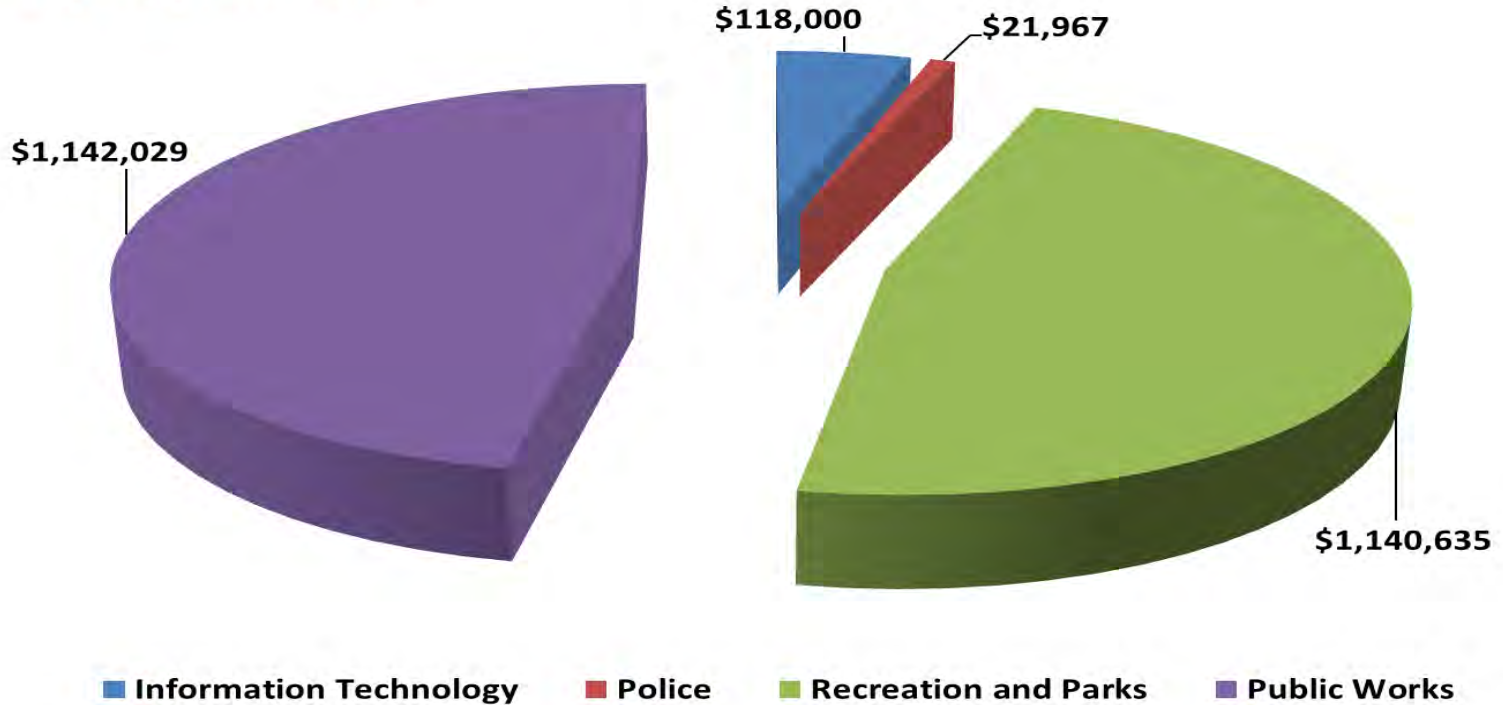
SUMMARY OF CAPITAL & FACILITY PROJECTS

Capital Improvements	\$ 2,422,631
Street Improvements	2,000,000
Facility Improvements	1,542,000
Total	<u>\$ 5,964,631</u>
% of Overall Budget	7.3%



2017-18 PROPOSED CAPITAL IMPROVEMENTS

\$2,422,631 Total





2017-18 PROPOSED CAPITAL IMPROVEMENTS

Recreation and Parks

Town Common Renovation	\$	461,033
Westside Park Development		200,000
Eastside Park		150,000
Tar River Legacy Plan		319,000
Other Miscellaneous Projects		10,602
Total	\$	1,140,635



2017-18 PROPOSED CAPITAL IMPROVEMENTS

Public Works

Replacement of Mast Arm Poles	\$	100,000
Traffic Calming		25,000
Street Light Improvements		100,000
Traffic Signal Progression		35,000
Cemetary Enhancements		13,185
VRF: Vehicles > \$35,000		859,844
Other Miscellaneous Projects		9,000
Total	\$	<u>1,142,029</u>



PROPOSED STREET IMPROVEMENTS

FY2016-17 Budget **\$ 1,700,000**

Budget Increase **300,000**

FY2017-18 Budget **\$ 2,000,000**



PROPOSED FACILITY IMPROVEMENT PROJECTS

	FY 2016-17	FY 2017-18
	Budget	Proposed
	Budget	Budget
Recreation and Parks	633,000	\$ 811,000
Public Works	957,000	731,000
Total	\$ 1,590,000	\$ 1,542,000



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GENERAL FUND BUDGET PREVIEW

FY2017-18 PROPOSED OTHER TRANSFERS



2017-18 PROPOSED OTHER TRANSFERS

	FY 2016-17	FY 2017-18
	Budget	Proposed
	Budget	Budget
Debt Service Fund	\$4,737,002	\$4,737,002
Sheppard Memorial Library	1,197,058	1,232,969
Housing Division	292,684	300,806
Transit Fund	565,269	603,781
Capital Reserve Fund	460,000	-
Imperial Site Project Fund	1,040,000	-
Total	\$8,292,013	\$6,874,558



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GENERAL FUND BUDGET PREVIEW

FY2017-18 FUND BALANCE APPROPRIATED



2017-18 GENERAL FUND BUDGET PREVIEW

FUND BALANCE APPROPRIATED

	Budget	Proposed
	FY2016-17	Budget
	FY2016-17	FY2017-18
Purchase of Imperial Site	\$ 1,040,000	\$ -
Town Common Project	-	158,958
Contingency	38,808	200,000
Operations	-	106,808
Total	\$ 1,078,808	\$ 465,766

Note: The Above Represents General Fund Balance as Appropriated in the FY2016-17 Budget and the FY2017-18 Financial Plan



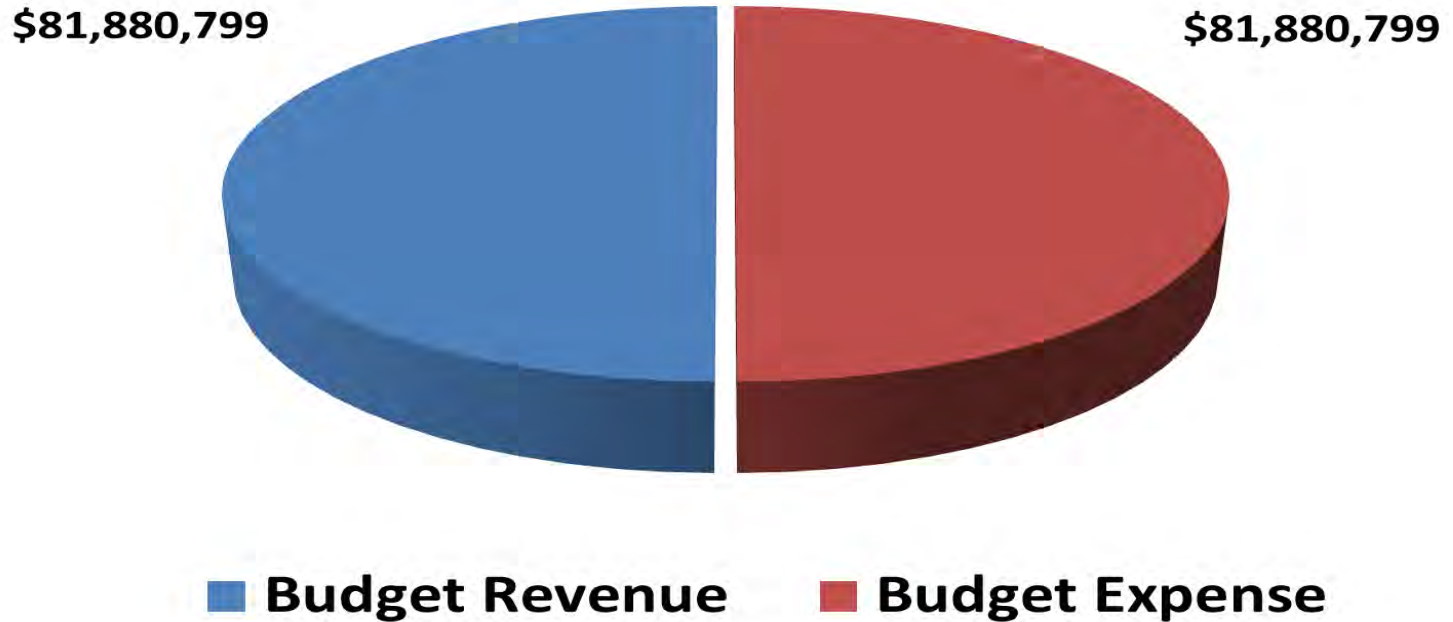
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PROPOSED BUDGET 2017-18

SUMMARY

PROPOSED GENERAL FUND BUDGET 2017-18

SUMMARY



TOP 10 GENERAL FUND BUDGET HIGHLIGHTS



Direct Reflection of
City's Mission !

- ✓ Maintains Current Tax Rate at 52 ¢
- ✓ Invests 86% of All Revenues Into Core Public Services & Obligated Debt
- ✓ Provides an Average 2.0% Wage Rate Increase for Employees
- ✓ Includes Funding for an Additional 2.0 – 4.0 Police Positions (Grant Pool)
- ✓ Includes Funding for the Employee Health Clinic
- ✓ Increases Funding for Street Improvements to \$2.0 Million
- ✓ Includes \$461,033 in Funding for the Town Common Project (#1 Priority)
- ✓ Provides \$1.54 Million in Funding for Facility Improvement Projects
- ✓ Includes \$110,000 Increase in Departmental Discretionary Budgets
- ✓ Provides Funding of \$2,422,631 for Capital Projects

PROPOSED GENERAL FUND BUDGET 2017-18

BUDGET HIGHLIGHTS

The General Fund Proposed Budget DOES NOT Include Consideration for the Following:

- Adjustments to Budget Revenues Based on FY2016-17 Actual Year-to-Date Revenues Through March (Including Sales Tax)
- Contract Management of the Bradford Creek Golf Course
- Pay & Benefit Recommendations as Approved at the Upcoming Joint Meeting of Greenville City Council and Greenville Utilities Board (April 24, 2017)
- Budgets of Other Funds: i.e. Sanitation, Stormwater, Fleet, VRF,...
- Appropriation of Any Projected Excess Fund Balance

PROPOSED GENERAL FUND BUDGET 2017-18

BUDGET CALENDAR

- April 10, 2017 City Council General Fund Budget Preview
- April 24, 2017 Joint City Council-Greenville Utilities Commission Meeting
- May 3, 2017 Proposed City, GUC, SML, and CVA Budgets Distributed to City Council
- May 8, 2017 Balanced City Budget Presented to Council
- May 11, 2017 Proposed GUC, SML, & CVA Presented to Council
- May 19, 2017 Public Display of Balanced Budgets
- June 5, 2017 Public Hearing- Fiscal Year 2017-18 Budget
- June 8, 2017 Proposed Adoption of Fiscal Year 2017-18 Budget





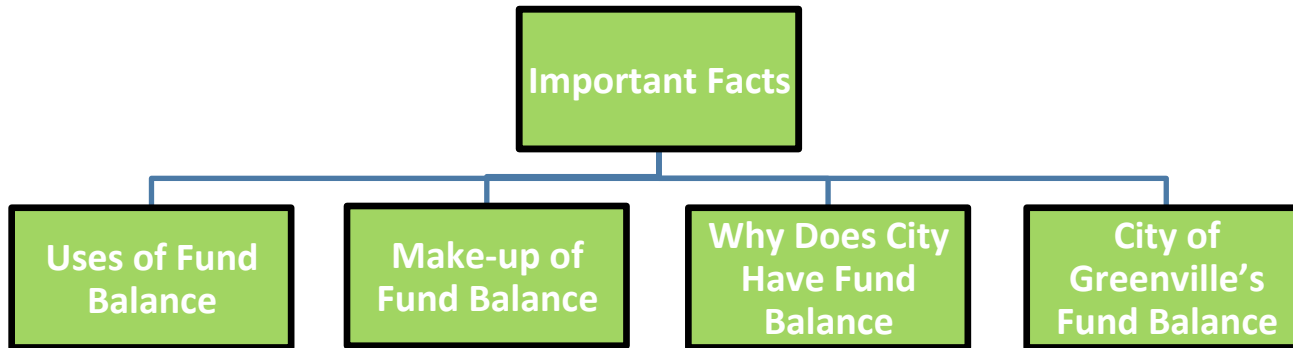
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FUND BALANCE

GENERAL FUND



Fund Balance 101: What You Need to Know





Uses of Fund Balance

	Assets
-	<u>Liabilities</u>
=	Fund Balance

- Used for day-to-day cash flow when major revenue (property tax) has been received for year
- Portion set aside for emergencies



Uses of Fund Balance

Uses of Financial Statements		
	Business	Government
Users	Investors and creditors	Investors and creditors Citizens Legislative and oversight bodies
Uses	Assess ability to generate resources	Assess ability to generate resources Decisions involving resource allocation Decisions involving legal compliance



Uses of Fund Balance

Changes to overall Fund Balance must flow through the Income Statement as follows:

+	Revenue
-	Operating Expense
=	Revenue Less Expense
+	Beginning Fund Balance
+ / -	Revenue Less Expense
=	Ending Fund Balance



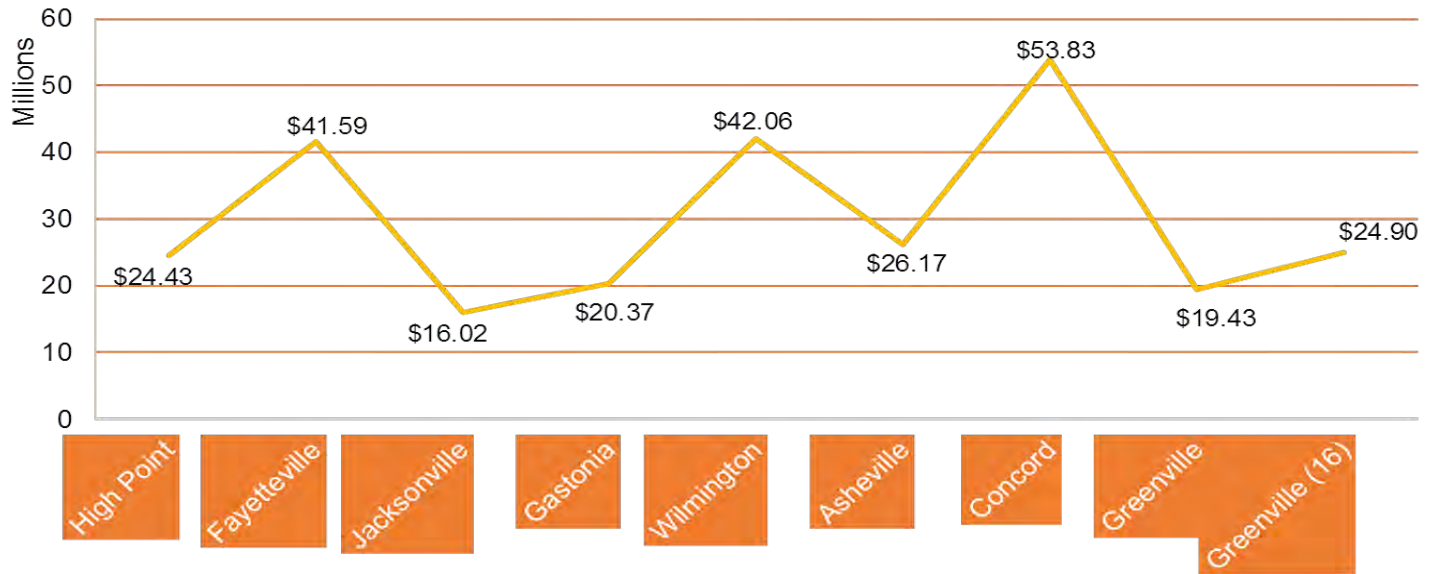
Why Does the City Have Fund Balance?

- Proper cash flow funds
 - Reservation for rainy day (i.e. emergency)
- Portion set aside for projects and/or dedicated purposes
 - Favorable bond ratings



Fund Balance Comparison

Fund Balance Available





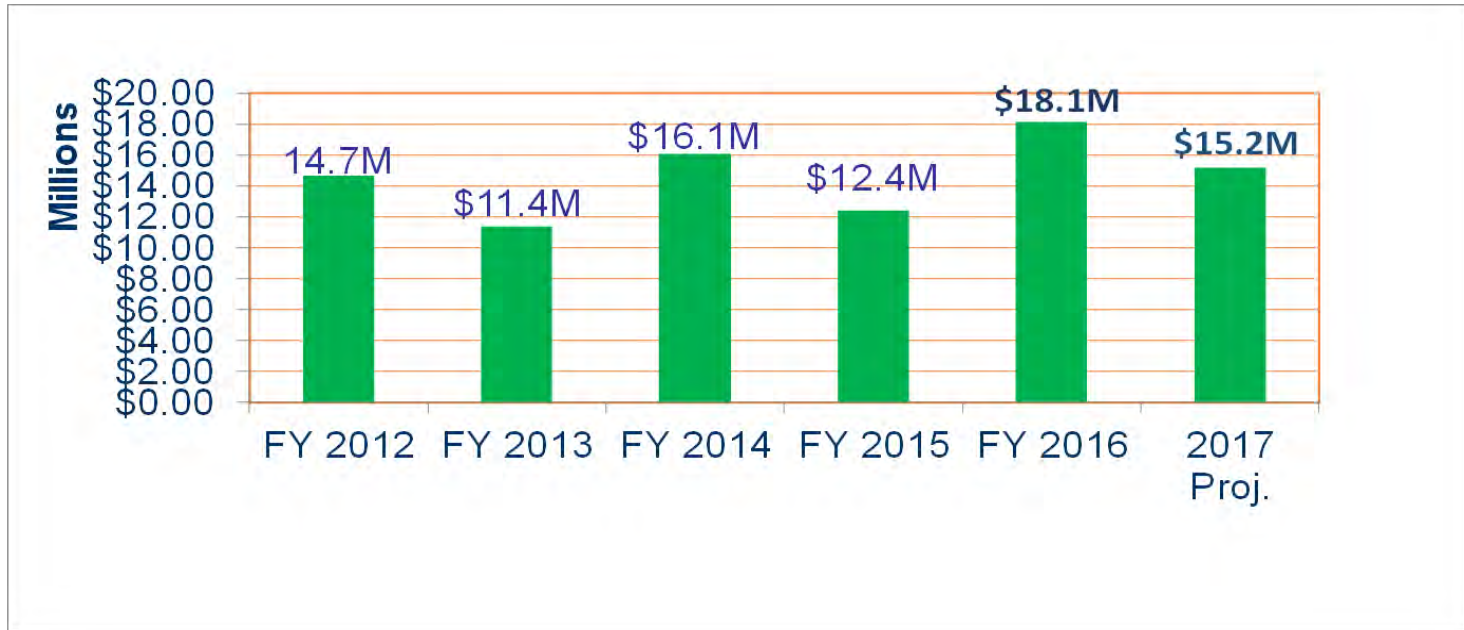
Projected Fund Balance Position

Fund Balances:	FY 2017 Projection	FY 2016	FY 2015	% Change
Non-Spendable	\$116,564	\$ 54,444	\$ 116,233	>100%
Restricted	\$10,342,586	\$10,170,592	\$16,168,556	1.7%
Committed	2,276,781	2,276,781	2,276,781	- %
Assigned	2,284,033	1,795,994	1,591,683	27%
Unassigned	<u>15,191,512</u>	<u>18,144,300</u>	<u>12,426,286</u>	<u>(16%)</u>
Total Fund Balance	<u>\$30,211,476</u>	<u>\$32,442,111</u>	<u>\$32,579,539</u>	<u>-7%</u>



History of Unassigned Fund Balance

*Fluctuates with City Activity





Projected Excess Fund Balance FY 2017-2018

2017-2018**		Total		Amount Available
General Fund**		Balance	Unassigned*	For
<u>Budget</u>	<u>Percent</u>	<u>Required</u>	<u>Fund Balance</u>	<u>Transfer</u>
80,045,482	14%	11,206,367	15,191,512	3,985,145

\$ 3,985,145 Calculated Excess Fund Balance (@ 14%

(500,000) Projected Incomplete Projects Carried Over to FY2017-18

\$ 3,485,145 Total Amount Potentially Available

Note: This is a PROJECTION and Subject to Change Based on the Year-End Audit and Results of Operations!



Fund Balance Projections

April 10, 2017

- Unassigned Fund Balance Projections are Preliminary (\$15. 2M)
- Actual Results of Operations for the year change Fund Balance
- Fiscal Year End is June 30, 2017



Item 25

Update on pedestrian crosswalk improvements and Vision Zero plan presentation



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What is **Vision Zero**?

Vision Zero is an initiative with the goal of eliminating roadway deaths and injuries.



Principles of **Vision Zero**:

- All transportation/road users deserve safe streets
- No loss of life on our roads is acceptable
- Injury or death of pedestrian/motorist/cyclist is not an inevitable price to pay for mobility
- The Public should expect safe behavior on City streets and should participate in this culture change



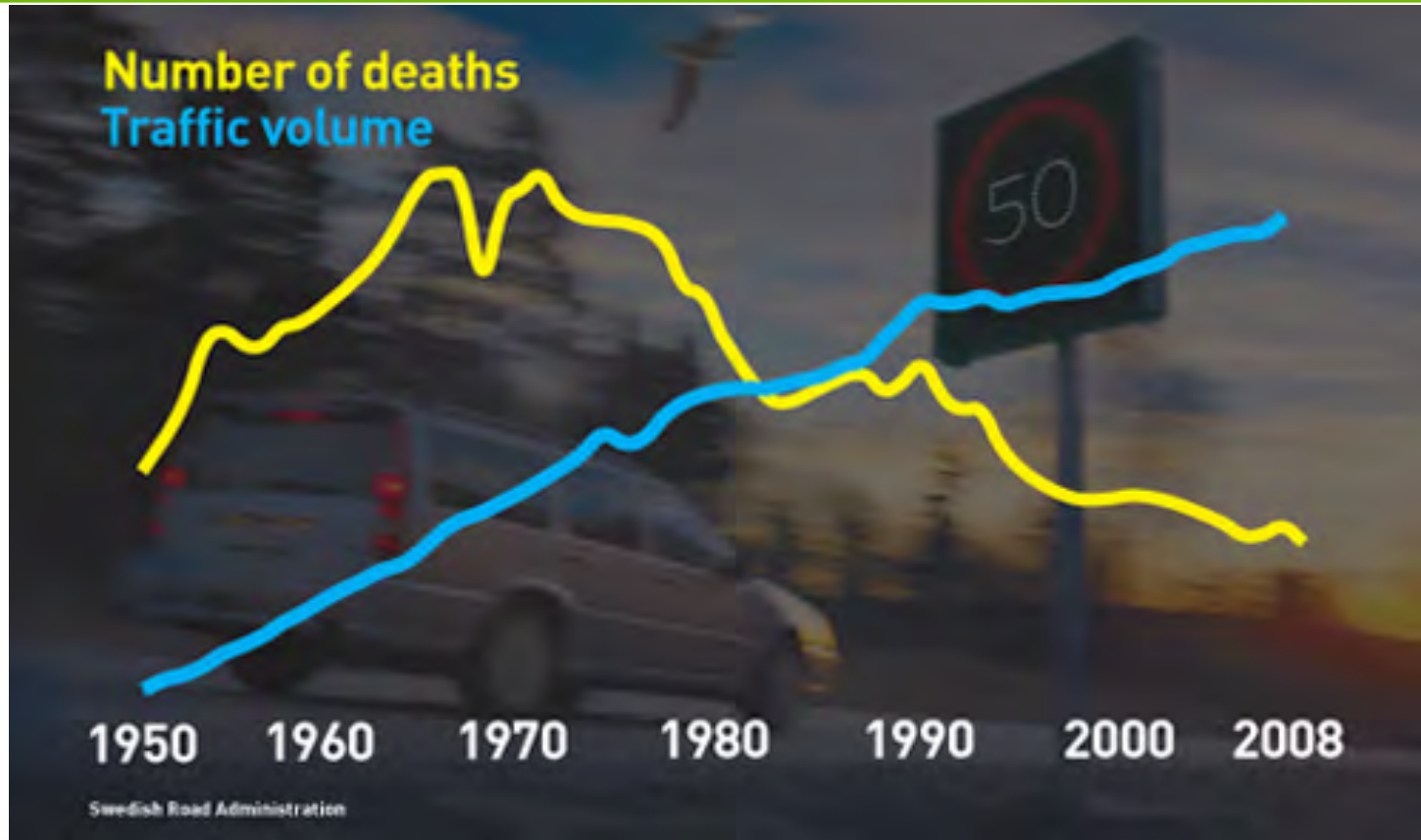
History of **Vision Zero**

Vision Zero started in Sweden in 1997

Founding principle: Loss of life is not an acceptable price to pay for mobility.

Vision Zero takes a systems approach to enhancing safety on our roadways





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How does the US Compare? North

	Fatal Crash Rate/100,000 Population		RANK*
YEAR	National Avg.	North Carolina	
2007	13.6	18.5	1
2008	12.3	15.5	2
2009	11	14	1
2010	10.7	13.8	1
2011	10.4	12.7	1
2012	10.7	13.2	1
2013	10.3	13.1	1
2014	10.2	12.5	2
2015	10.9	13.7	3
* Rank is among the 15 most populated States			3



Behaviors behind these accidents:

Alcohol - 31%

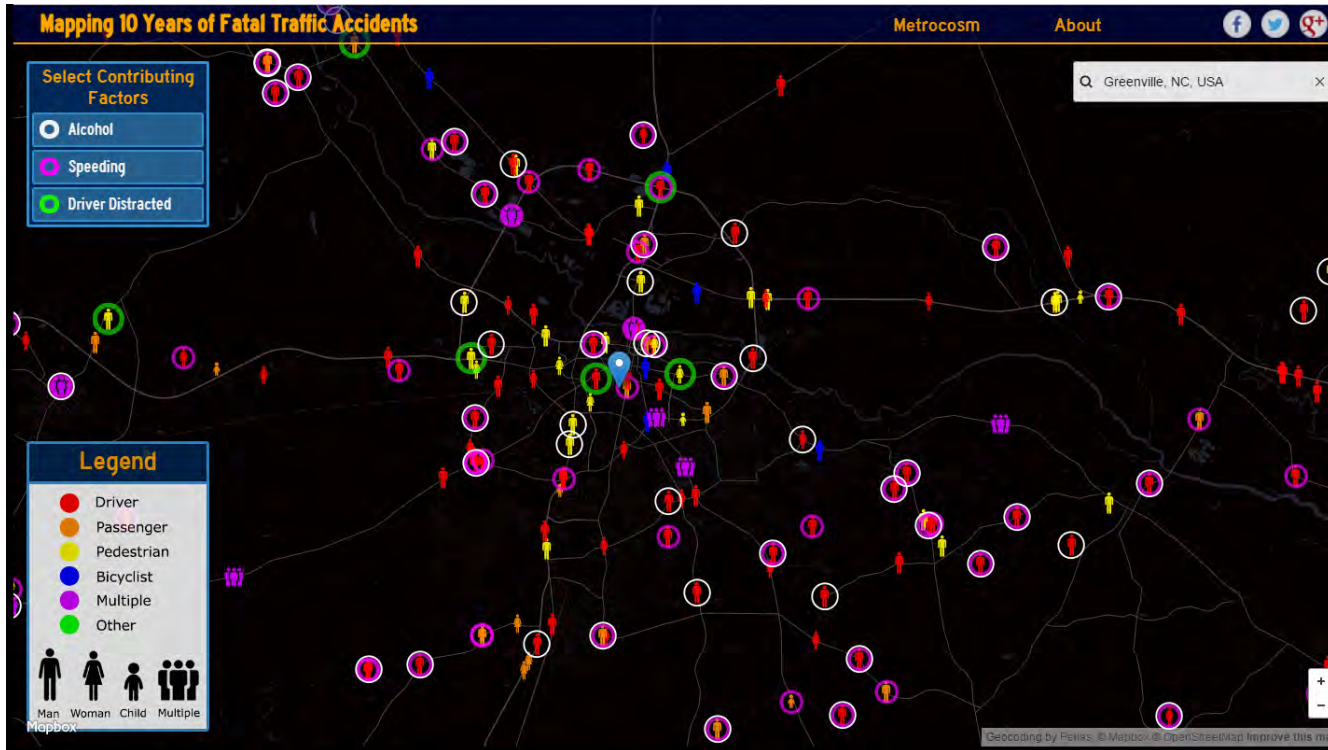
Distracted Driving - 18%

Speed - 31%

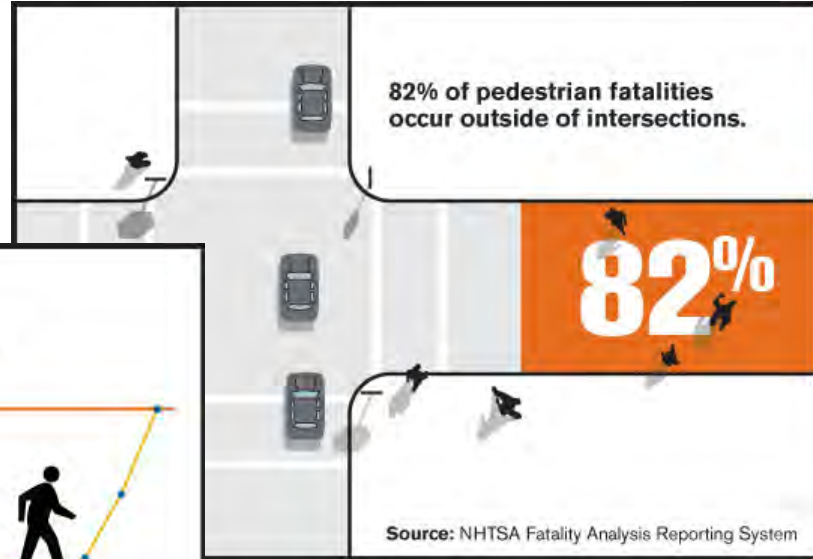
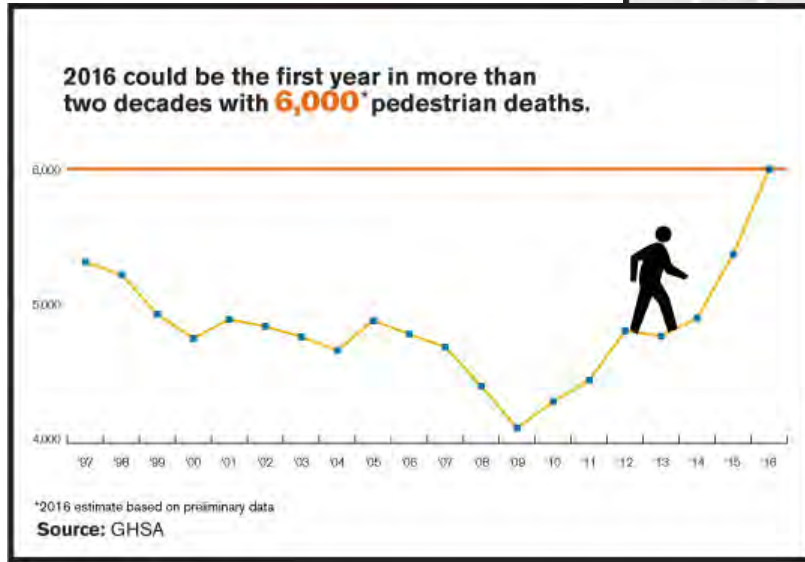
Road traffic injuries are the number one cause of adolescent (age 10-19) deaths globally, and the number two cause of



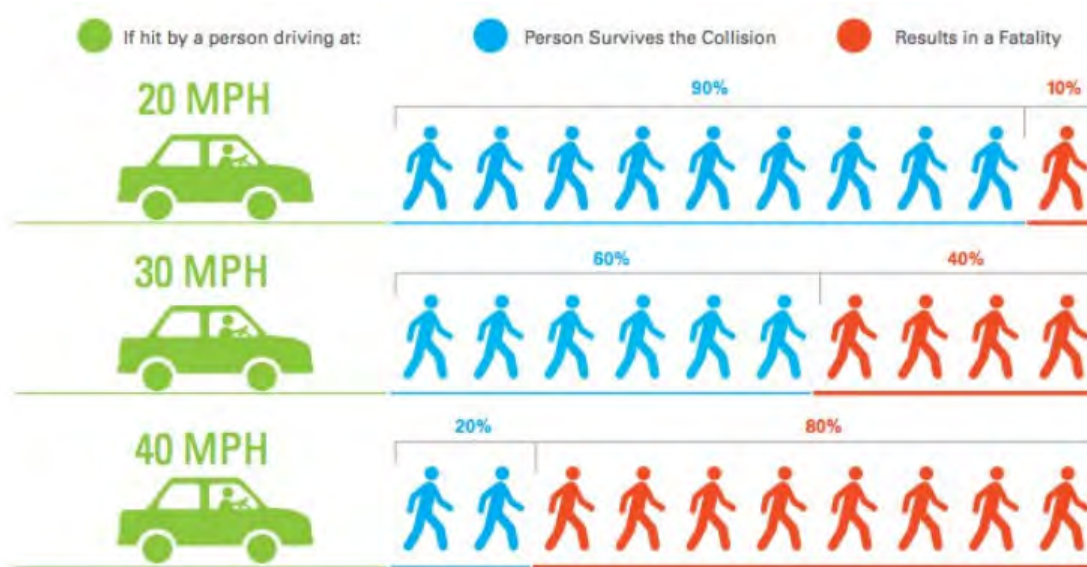
Greenville: 2004-2013



National Trends –



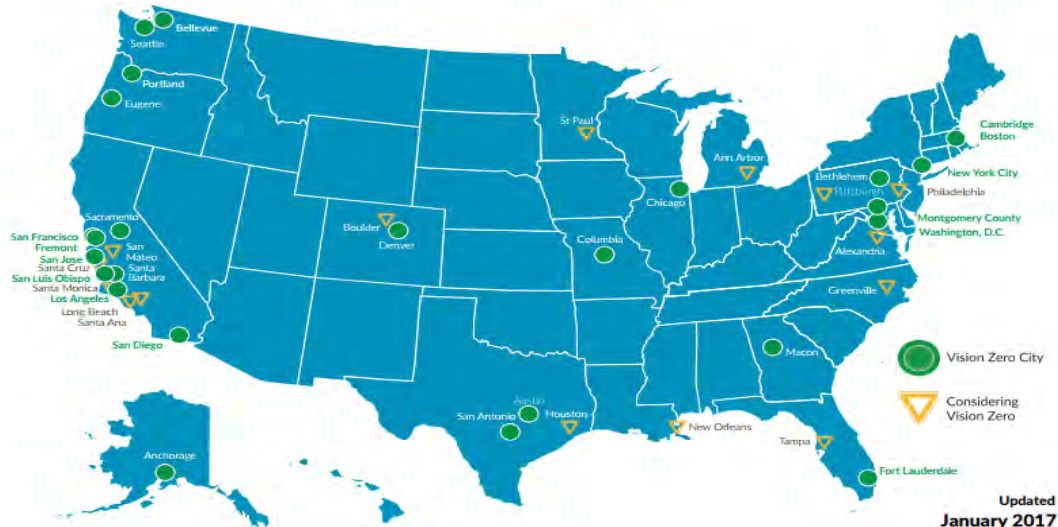
Statistics on Vehicle/Pedestrian Collisions



Does **Vision Zero** Work?

Sweden, Great Britain and Germany have dramatically reduced their roadway fatalities. (1/5th of US national rate)

Seattle and New York City – Vision Zero Cities that have demonstrated significant improvement since their plans have been adopted and implemented



A VISION ZERO CITY MEETS THE FOLLOWING MINIMUM STANDARDS:

- 1.** Sets clear goal of eliminating traffic fatalities and severe injuries
- 2.** Mayor (or top official) has publicly, officially committed to Vision Zero
- 3.** Vision Zero plan or strategy is in place, or Mayor has committed to doing so in clear time frame
- 4.** Key city departments (including Police, Transportation and Public Health) are engaged.



Greenville – Ongoing Safety Initiatives:

10th St. Corridor Safety Improvement Project

Safety Summit (Traffic Signal installed 10th St)

Street Light Ordinance Revision (Over 1000 streetlights converted to LED)

Transportation Bond; Safe Routes to School



How do we reach the Vision Zero Goal?

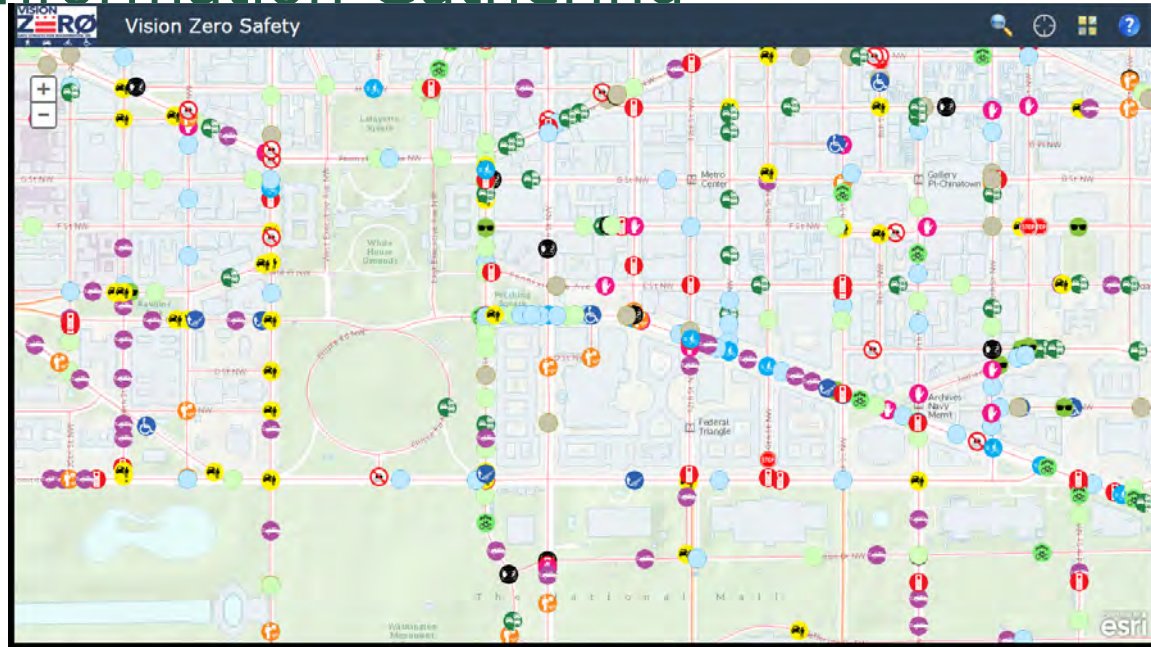
- 1 – Evaluation
- 2 – Education
- 3 – Engineering
- 4 – Enforcement
- 5 – Public Policy



1 – Evaluation – Collect, Analyze, Communicate and Share Data

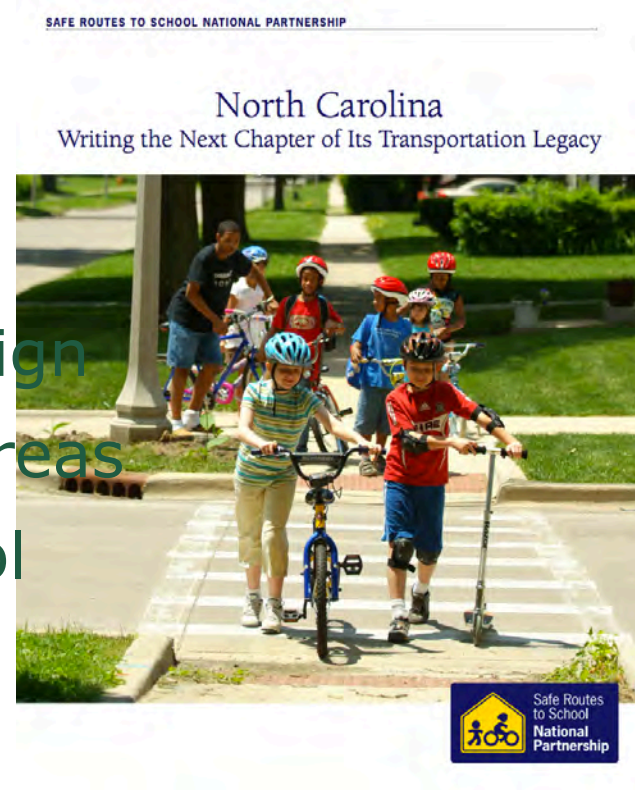


1 – Evaluation – Public Meetings/ Information Gathering



2 – Education:

- Use data to educate
- Watch For Me campaign
- Events in Hot Spot Areas
- Safe Routes to School



3 – Engineering:

Crosswalks, Streetlights, Traffic Calming, lane widths, sidewalks, bike lanes, speed limits, parking regulations, greenways, ADA sidewalk improvements, technology improvements, signal timing, intersection improvements.



3 – Engineering:

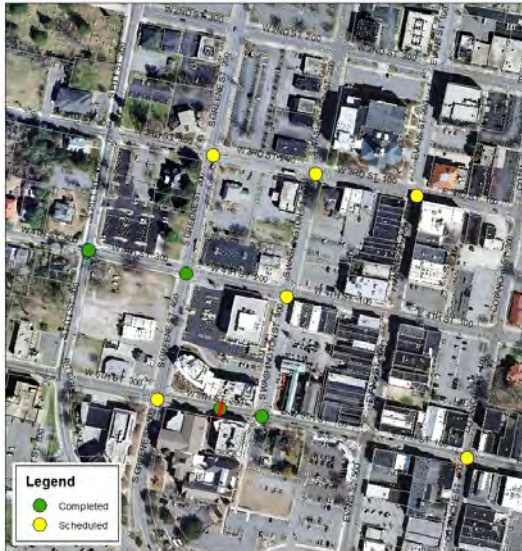
10th Street Corridor Safety Improvements:

- Evans Street to Oxford Road
- Traffic signal installed at Silver Maple
- Rectangular Rapid Flashing Beacons (RRFB)
- Upgraded sidewalks, lighting, ped signals
- Extended center raised median



3 – Engineering:

Crosswalks



3 – Engineering:

Greenville Intersection Pedestrian Improvements:

- 15 signalized intersections




3 – Engineering:

Traffic Calming:



3 – Engineering:

Lane Widths:

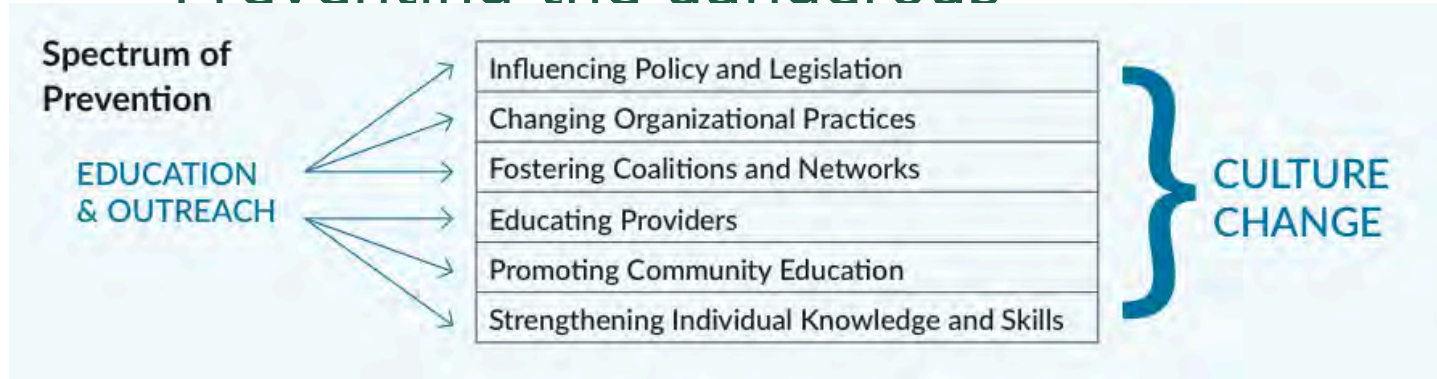
				
Lane Width in Meters	2.60 - 2.80	2.80 - 3.25	3.25 - 3.60	3.60 and higher
City	Jakarta, Singapore	Amsterdam, Berlin, Copenhagen, Paris, Tokyo, Toronto	New Delhi, Mumbai, Knoxville, Greensboro, New York, Sao Paulo	Beijing, Chennai, Fortaleza
Fatality Rate per 100,000 population	3.6 - 6.4	1.3 - 3.2	6.1 - 11.8	20.0 - 27.2
Safety Index	Less safe	Safe	Unsafe	Very unsafe

Source: Fatality rate data from WRI Cities Safer By Design, Qiu J et. al. (2014), Sivak and Schoettle (2015); Lane width data from Masud Karim (2015), Mohan D et. al. (2015)



4 – Safety Enforcement

Preventing the dangerous



Failure to yield right of way (including at crosswalks or yield signs)

Passing stopped school buses that are loading or unloading students

Failure to comply with pedestrian hybrid beacons

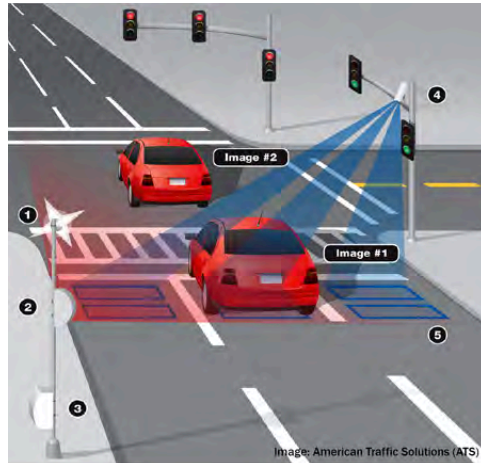


4 – Safety Enforcement

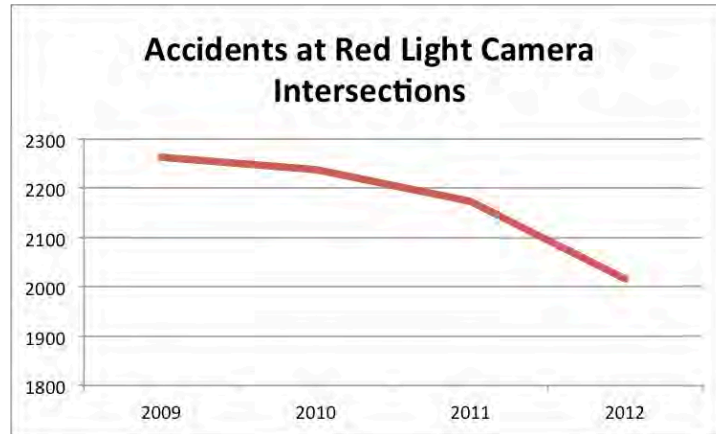


4 – Safety Enforcement

Red Light Cameras –



- 1 Strobe
 - 2 Camera
 - 3 Controller
 - 4 Non-Invasive Video Sensor
 - 5 Detection Zones
- Image #1** The 1st Image records the vehicle behind the stopbar while the light is red.
- Image #2** The 2nd Image records the vehicle proceeding through the intersection while the light is red.



5 – Public Policy



Next Steps:

Data Analysis – Continued examination of Hot Spot Areas, Public information gathering

PD = Crosswalk safety enforcement zones

PWD = planned pilot traffic calming installations.

Vision Zero Coalition Formation



Bring Vision Zero resolution before

Put yourself in good company

Questions?

City Council Meeting

April 10, 2017



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