

Capital Improvement Plan

May 16, 2009

Capital Improvement Plan

- Planning document that is not resource constrained
- Projects may need to be moved to out years if funding is not identified in the budget process
- Updated annually for changes Council makes to major plans.

Major Issues

- Funding of Ballot Projects:
 - Transportation
 - Parks
 - Public Safety
- Trail Priorities
- New Critical Projects
 - Waco Road
 - Rangeline
 - Wilson & Broadway (Boone Hospital)
 - West Broadway
- Sewer District Projects

Transportation Ballot Projects

Transportation Proposed Resources:		Original	2009 Revised
Extend existing 1/4 Cent Capital Improvement Sales Tax	10 Years	\$50,000,000	\$48,400,000
Increase Capital Improvement Sales Tax 1/8 Cent for Streets/Traffic Congestion (\$25 million)	10 Years	Not Passed	Not Passed
Increase Development Fee - Phase in over 10 years			
2006 - 2007 @ 15 Cents (2 Years)		\$1,400,000	\$1,162,625
2008 - 2009 @ 25 Cents (2 Years)		\$2,400,000	\$1,000,000
2010 - 2015 @ 50 Cents (6 Years)		\$15,200,000	\$6,100,000
		<u>\$19,000,000</u>	<u>\$8,262,625</u>
Total Ballot Issue Transportation Funding		<u>\$54,000,000</u>	<u>\$42,142,625</u>
Existing Funding Sources			
Transportation Sales Tax	2006-2009	\$4,000,000	\$4,500,000
Transportation Sales Tax	2010-2016	\$6,000,000	?
Annual Interest Earnings	10 Years	\$2,000,000	\$2,000,000
County Road Rebate Tax	3 Years	\$3,800,000	\$14,500,000
STP Funding	10 Years	\$3,000,000	\$3,300,000
Total Existing Funding Sources		<u>\$18,800,000</u>	<u>\$24,300,000</u>
Existing Balances		\$7,600,000	\$7,600,000
Total Available for Transportation Capital Projects		<u>\$80,400,000</u>	<u>\$74,042,625</u>

Transportation Ballot Projects

Project Name	Estimated Amount	2009 Revised Cost	Other Funding	Difference
Street Projects				
Salt Storage Facility	\$688,000	\$1,191,975		(\$503,975)
Scott Blvd. - Brook View Terrace to Rollins Road	\$6,200,000	\$15,150,056	\$11,029,986	\$2,079,930
Scott Blvd - Vawter School Road to MKT	\$2,400,000	\$5,630,149		(\$3,230,149)
Chapel Hill	\$0	\$475,000		(\$475,000)
Gans Road/U.S. 63 Interchange	\$5,462,000	\$3,836,398	\$726,096	\$2,351,698
Lemone /Maguire Blvd - Extend to Stadium Blvd	\$8,900,000	\$7,285,079	\$1,300,000	\$2,914,921
Burnham/Rollins/Providence - Intersection Improvements	\$997,500	\$3,703,784		(\$2,706,284)
Providence Road - Vandiver to Blue Ridge	\$2,860,000	\$4,678,482		(\$1,818,482)
Vandiver Drive - U.S. 63 to Mexico Gravel Road	\$3,300,000	\$5,774,861		(\$2,474,861)
Grace Lane - Richland Road Southward 2700 feet	\$2,400,000	\$4,356,286		(\$1,956,286)
Brown School Road - Highway 763 to Providence	\$4,500,000	\$2,117,594	\$75,000	\$2,457,406
Louisville Drive - Connect Millbrook Drive to Smith Drive	\$1,755,000	\$166,759		\$1,588,241
Mexico Gravel Road - Vandiver to Route PP	\$2,700,000	\$4,442,789		(\$1,742,789)
Scott Blvd - Vawter School Road to KK	\$6,000,000	\$9,002,967		(\$3,002,967)
Clark Lane - Route PP to Lake of the Woods	\$3,600,000	\$6,636,224	\$750,000	(\$2,286,224)
Highway 763	\$2,000,000	\$1,259,446	\$1,251,568	\$1,992,122
	\$53,762,500	\$75,707,849	\$15,132,650	(\$6,812,699)

Transportation Ballot Projects Summary

	<u>Original Ballot</u>	<u>2009 Revised</u>	<u>Other Funding</u>	<u>Difference</u>
Total 10 Year Estimated Funds	\$ 80,400,000	\$ 74,000,000		\$ (6,400,000)
Project Costs	\$ 53,762,500	\$ 75,707,849	\$ 15,132,650	\$ (6,812,699)
Annual Funding				
Street/Corridor Preservation	\$ 7,500,000	\$ 4,000,000		\$ 3,500,000
Sidewalk/Pedways	\$ 3,375,000	\$ 3,375,000		\$ -
Landscape	\$ 750,000	\$ 750,000		\$ -
Traffic Safety	\$ 750,000	\$ 750,000		\$ -
Joint City/County/State Projects	\$ 3,750,000	\$ 1,125,000		\$ 2,625,000
Inflation Factor	\$ 4,875,000			\$ 4,875,000
Contingency	\$ 4,000,000			\$ 4,000,000
Net Interst on Debt - Less DSR				\$ (3,500,000)
Funding Shortfall				<u>\$ (1,712,699)</u>

Parks Ballot

- Original Estimate Sales Tax Revenue - \$12 Million
- \$4.875 Million Parks Projects
- \$2.825 Million Annual Projects
- \$4.1 Million Trail Projects
- \$200,00 Contingency
- Revised Estimate Sales Tax Revenue - \$11.7 million
- \$4.975 Million Parks Projects
- \$2.825 Million Annual Projects
- \$3.66 Million Trail Projects
- \$100,000 Contingency
- Should be able to make up revenue shortfall by reallocating trail or annual funds

Public Safety Ballot

- Original Estimate of Capital Improvement Sales Tax \$15 Million
- Fire Dept funding
 - \$7.2 million for equipment
 - \$1.6 million to relocate fire station #7
 - \$3.6 million for 2 new fire station
 - \$153,000 contingency
- Police Dept Training Center
 - \$1 million
- Emergency Warning Sirens
 - \$310,000
- Revised Estimate of Capital Improvement Sales Tax \$14.52 Million (Shortfall of \$480,000)
- Emergency Warning Sirens complete.
- Police Training Facility near completion.
- Major Fire equipment purchases advance ahead of schedule to avoid major cost increases due to new regulations.
- Future equipment will cost more than originally budgeted.
- Plan will need to be revised.

Critical New Projects

- **Waco Road**
 - New school opening – January, 2010
 - Developer to provide road unable to meet obligation in time for new school
- **Rangeline – Between Rogers and Wilkes**
 - Street improvements to facilitate Columbia College's revised master plan
- **Wilson & Broadway (Boone Hospital)**
 - Development agreement approved by Council
- **West Broadway**
 - Planning underway, construction funding TBD

Sewer District Project

- Sewer District projects are funded thru Private Common Collector (PCC) Ballot Funds
- 2008 Ballot \$1,417,500 PCC funds
 - FY09 \$407,500
 - FY10 \$300,000
 - FY11 \$710,000

Sewer Districts

Total PCC Cost Est. (17 potential projects)	\$3,220,000
Funds previously appropriated *	\$695,000
2008 Ballot PCC Funds	\$1,417,500
PCC Funding Shortfall	\$1,107,500

* May be additional funding available from 2003 ballot

Sewer Districts

- 17 Potential PCC Projects
 - 9 Projects are fundable (Up to SD 172 Thilly, Lathrop, Westmount)
 - 8 Projects are not funded

Changes from 2009 CIP

Timeframe	Project Name	Project Deleted	Project Added	Funding Change	Construction Timing	Change Notes
Streets						
1-2 Yrs	2 Clark Ln - PP to St. Charles Road (2 Lanes) C00236 (ID 45)			\$2,736,224		Unfunded
1-2 Yrs	4 Mexico Grvl Rd - Vandiver-PP (2 Lanes) C00241 (ID 93)			\$1,742,789		Unfunded
1-2 Yrs	5 Providence Study - Burnham Intersction C00290 (ID 39)			\$2,706,284		Cap Imp S Tax and Unfunded
1-2 Yrs	6 Rolling Hills Rd: New Haven to Route WW (ID 1187)		X	\$841,500	2010	Project added during FY 2009 with \$285,000 in funding
1-2 Yrs	7 Rolling Hills Road (Grace Lane) C00320 (ID 73)			\$1,596,286	2012 to 2010	
1-2 Yrs	8 Williams Str w/Williams-Broadway Intersctn Imprv (ID 1125)			(\$395,000)		Unfunded
3-5 Yrs	2 Broadway Study - Garth Ave to West Blvd C00396 (ID 1015)			\$500,000		Cap FB
3-5 Yrs	4 Discovery Parkway: Gans US 63 to Rolling Hills (ID 1155)		X	to be determined	2012	Unfunded
3-5 Yrs	5 Elm Street Extension (ID 247)				2013 to 2014	
3-5 Yrs	6 Maguire/Warren to New Haven (ID 1127)				2011 to 2012	Unfunded
3-5 Yrs	7 Rangeline - Rogers to Bus Loop 70 (ID 1126)				2012 to 2014	Unfunded
3-5 Yrs	8 Rock Quarry Rd - Grindstone Prkwy to Stadium 9400 ft (ID 115)		X	\$9,500,000	2014	Unfunded
3-5 Yrs	9 Scott Blvd Phase 2: Vwater Sch Rd-MKT C00319 (ID 128)			\$1,810,149		Unfunded
3-5 Yrs	10 Scott Blvd Phase 3: Vawter-KK C00274 (ID 125)			\$2,247,967		Unfunded
3-5 Yrs	11 Sinclair - Nifong Intrscn Imprvmnts (ID 190)		X	\$750,000	2014	Unfunded

Changes from 2009 CIP

Timeframe	Project Name	Project Deleted	Project Added	Funding Change	Construction Timing	Change Notes
Sidewalks						
3-5 Yrs	12 Broadway & 5th Sdwk-Intrscn Imprvmts (ID 33)				2012 to 2013	Unfunded
3-5 Yrs	13 Fairview Rd Sdwk - School to N of Rollins C00411 (ID 57)			\$400,000		Unfunded
3-5 Yrs	14 GNM: Fairview Rd-W Broadway-Highlnd C00326 (ID 168)		X	\$140,000	2014	Unfunded - not approved to be moved forward with Get About money for construction. Must be constructed within 10 years or City must repay funds
3-5 Yrs	15 GNM: Manor Dr Sdwk - Broadway-Rollins C00329 (ID 182)		X	\$350,000	2014	Unfunded - not approved to be moved forward with Get About money for construction. Must be constructed within 10 years or City must repay funds
3-5 Yrs	17 Oakland Grvl - Smiley-Blue Rdg C00330 (ID 170)				2010 to 2012	
3-5 Yrs	Oakland Grvl Rd - Blue Rdg-Vandvr C00157 (ID 101)			\$265,593	2010 to 2012	Shown as a current project, but will need to be moved to 3-5 years. Unfunded - not approved to be moved forward with Get About money for construction

Changes from 2009 CIP

Timeframe	Project Name	Project Deleted	Project Added	Funding Change	Timing Change	Notes
Parks Projects						
1-2 Yrs	1	Again Park Improvements (ID 296)				2012 to 2011 moved up to 2011. Applying for CDBG funding
1-2 Yrs	4	Antimi Tee-ball Fields--Lighting (ID 1088)				2010 to 2011 Unfunded
1-2 Yrs	7	Cosmo Playground Replacement (ID 319)			\$100,000	Unfunded
1-2 Yrs	8	Cosmo Rainbow Sftball Ctr Imprvmt Ph II (ID 282)			(\$10,000)	Removed Force Account Labor \$10,000
1-2 Yrs	9	Fitness/Exercise Station Replacements (ID 1113)			\$10,000	Parks Sales Taxes
1-2 Yrs	14	Replace HHS Pool Heater		X	\$10,600	2010 Parks Sales Tax Annual maintenance funds

Changes from 2009 CIP

Timeframe	Project Name	Project Deleted	Project Added	Funding Change	Construction		
					Timing Change	Notes	
Parks Projects							
3-5 Yrs	1	Albert-Oakland Park Improv- Athletic Fields Restroom (ID 307)				2016 to 2012	Unfunded
3-5 Yrs	4	Armory Sports Center Improvements - Gym (ID 298)			\$484,161		Unfunded
3-5 Yrs	5	Comprehensive Master Plan (ID 300)				2011 to 2012	Unfunded
3-5 Yrs	7	East High School Park Development (ID 1172)		X	\$350,000	2012	Unfunded
3-5 Yrs	8	Fairview Park Improv - Shelter & Playgrnd (ID 321)			\$62,000	2016 to 2012	Unfunded
3-5 Yrs	9	Indoor Pavilion/Shelter, Location TBD (ID 458)			\$250,000		Unfunded
3-5 Yrs	11	MKT-Jay Dix Park Improvements (ID 1182)		X	\$60,000	2012	Unfunded
3-5 Yrs	17	South Regional Park - Gans Creek Phase I (ID 1176)		X	\$6,000,000	2013	Unfunded
3-5 Yrs	18	South Regional Park - Philips Phase II (ID 1175)		X	\$6,000,000	2013	Unfunded
3-5 Yrs	45	Waters-Moss Park Development (ID 1174)		X	\$250,000	2013	Unfunded

Changes from 2009 CIP

Timeframe	Project Name	Project Deleted	Project Added	Funding Change	Timing Change	Notes
Greenbelt/Trails						
3-5 Yrs	23 Bear Creek Trail Restrooms (ID 1181)		X	\$100,000	2013	Unfunded
Public Safety						
1-2 Yrs	1 Columbia Police Training Facility C00262 (ID 464)			\$25,000		Current project. Needs \$25,000 additional funding
Other General Government						
1-2 Yrs	1 Furnishings Remodeled Buildings C00258 (ID 528)			\$1,000,000		Unfunded

Changes from 2009 CIP

Timeframe	Project Name	Construction			Timing Change	Notes
		Project Deleted	Project Added	Funding Change		
Electric						
	Grindstone 223 - Substation Feeder EL0131 (ID 680)	X				Project delayed
	Rebel Hill 212 - Substation Feeder EL0142 (ID 701)	X				Project delayed
1-2 Yrs	1 161 Transmission-McBain Sub to New S Sub EL0148 (ID 1050)			\$125,000	2012 to 2011	Project updated
1-2 Yrs	4 Combined Heat & Power - EL0155 (ID 1166)		X	\$25,000	2011	Unfunded
1-2 Yrs	5 New South Side 161/13.8 Kv Substation - EL0121 (ID 551)				2015 to 2010	Project updated
1-2 Yrs	7 Purchase 25% (36 MW) of Columbia Energy Ctr EL0156 (ID 1167)		X	\$17,990,000	2010	Unfunded
1-2 Yrs	8 Replace Baghouse Expansion Joints EL0158 (ID 1202)		X	\$350,000	2010	Ent Rev
1-2 Yrs	9 Replace Measurement & Data Acquisition Sys EL0159 (ID 1203)		X	\$100,000	2010	Ent Rev
1-2 Yrs	10 Unit 8 Generator Retaining Ring Replacement EL0157 (ID 1201)		X	\$600,000	2010	Ent Rev

Changes from 2009 CIP

Timeframe	Project Name	Project Deleted	Project Added	Funding Change	Construction		Notes
					Timing Change		
Electric							
3-5 Yrs	1	161 KV Power Plant Substation EL0151 (ID 1056)			\$350,000		Project updated. Unfunded
3-5 Yrs	3	161 Trans-Perch Sub to New South Sub EL0150 (ID 1054)			\$300,000		Project updated. Unfunded
3-5 Yrs	4	161 Transmission - Power Plant Line EL0152 (ID 1058)			\$250,000		Project updated. Unfunded
3-5 Yrs	5	69 Kv Relay Upgrade - Phase 2 EL0145 (ID 984)			\$10,000		Project updated. Ent Rev
3-5 Yrs	6	69 Kv Relay Upgrade - Phase 3 EL0146 (ID 985)			\$20,000		Project updated. Ent Rev
3-5 Yrs	7	Business Loop 70 - Phase 5 Undergrounding EL0140 (ID 689)			\$110,000		Project updated. Unfunded
3-5 Yrs	8	Business Loop 70 - Phase 6 Undergrounding EL0141 (ID 690)			\$446,250		Project updated. Unfunded
3-5 Yrs	9	New Water Reservoir @ Power Plant EL0124 (ID 654)			\$200,000		Project updated. Unfunded
3-5 Yrs	10	Opt 1 Purchase 36 MW - Columbia Energy Center EL0113 (ID 552)			(\$600,000)	2011 to 2012	Project updated. Unfunded

Changes from 2009 CIP

Timeframe	Project Name	Construction					
		Project Deleted	Project Added	Funding Change	Timing Change	Notes	
Water							
1-2 Yrs	2	BL 70 Phase 2: Jackson-Jefferson Main Rpl WT0131 (ID 576)			\$260,000		Project updated. Ent Rev
1-2 Yrs	5	Cartman Rd - Bollard to Heller Close Loop WT0223 (ID 1165)		X	\$70,000	2010	Project updated. Ent Rev
1-2 Yrs	10	Garth - Forest to Bus Loop Main Replacement WT0222 (ID 1164)		X	\$95,000	2011	Project updated. Ent Rev
1-2 Yrs	13	Hinkson Bank Stabilization - 36" Main WT0224 (ID 1195)		X	\$300,000	2010	Project updated. Ent Rev
1-2 Yrs	16	Maguire - 12" Main WT0214 (ID 1136)			\$200,000		Added during FY 2009
1-2 Yrs	17	Mexico Gravel - Main Relocation WT0215 (ID 1137)			\$395,000		Ent Rev needed in FY 2010
1-2 Yrs	23	Sunflower Main Relocation WT0221 (ID 1163)		X	\$120,000	2010	2008 Ballot
3-5 Yrs	2	Hackberry - 6,000' of 12" Main WT0208 (ID 1003)		X	\$600,000	2014	2008 Ballot
3-5 Yrs	4	Quail Drive - Main Relocation WT0188 (ID 709)			\$10,000	2010 to 2012	2008 Ballot
3-5 Yrs	7	Vandiver/Sylvan Storm Drainage - Main Relctn WT0190 (ID 711)			\$4,000	2010 to 2014	2008 Ballot

Changes from 2009 CIP

Construction

Timeframe	Project Name	Project Deleted	Project Added	Funding Change	Timing Change	Notes
Railroad						
1-2 Yrs	3 Elm Street Crossing ER0032 (ID 620)				2010 to 2011	Project Delayed
1-2 Yrs	4 N Browns Station Drive Crossing ER0024 (ID 621)				2010 to 2011	Project Delayed
1-2 Yrs	5 Waco Road Crossing Surface ER0051 (ID 622)				2010 to 2011	Project Delayed
3-5 Yrs	1 Brown Station Retaining Wall ER0015 (ID 619)				2011 to 2012	Project Delayed
3-5 Yrs	2 Engine House Tracks ER0059 (ID 652)				2012 to 2013	Project Delayed
3-5 Yrs	3 Heuchan Siding ER0026 (ID 625)				2010 to 2012	Project Delayed
3-5 Yrs	4 Railroad Operations Center ER0055 (ID 613)				2012 to 2013	Project Delayed
3-5 Yrs	5 Wildes Blvd Crossing ER0033 (ID 616)				2010 to 2012	Project Delayed

Changes from 2009 CIP

Construction

Timeframe		Project Name	Project Deleted	Project Added	Funding Change	Timing Change	Notes
Sewer							
1-2 Yrs	1	Gans Creek Pump Station (ID 803)		X	\$500,000	2010	Ent Rev
1-2 Yrs	4	North Grindstone Outfall Extension Phase III (ID 732)		X	\$1,140,000	2010	2008 Ballot
1-2 Yrs	5	Sewer District #145 Westwood Addition (ID 1194)		X	\$110,000	2011	2008 Ballot
1-2 Yrs	6	Sewer District #170 South Bethel Church Road (ID 1158)		X	\$150,000	2011	2008 Ballot
1-2 Yrs	7	Sewer District #173 Anderson Ave (ID 1158)		X	\$110,000	2011	2008 Ballot
3-5 Yrs	1	Gans Creek Pump Station Upgrade (ID 1196)		X	\$2,200,000	2014	Unfunded
6-10 Yrs	4	Flat Branch Watershet Relief Sewers (ID 801)				2011 to 2017	
6-10 Yrs	8	Stephen's Park Sewer Relocation (ID 747)				2013 to 2016	

Changes from 2009 CIP

Timeframe	Project Name	Project Deleted	Project Added	Funding Change	Timing Change	Notes
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Storm Water

all projects have been moved into the out years.

Solid Waste

1-2 Yrs	3	Parkside Mulch Site Drop-Off (ID 967)				2010 to 2011	
3-5 Yrs	2	Material Recovery Facility Administrative Area (ID 1173)		X	\$200,000	2012	Ent Rev
3-5 Yrs	4	Refuse Bag Storage Building (ID 885)				2010 to 2014	

Parking

1-2 Yrs	1	10 & Cherry Garage Restoration Repairs (ID 1179)		X	\$466,200	2010	Ent Rev
1-2 Yrs	2	Replacing the Plaza Ticket Spitter (ID 1178)		X	\$80,000	2010	Ent Rev
3-5 Yrs	1	Short St. Parking Garage C45051 (ID 971)				2010 to 2012	

Changes from 2009 CIP

Timeframe	Project Name	Project Deleted	Project Added	Funding Change	Construction	Notes	
					Timing Change		
Transit							
1-2 Yrs	1	(7) Solar Holdrs w/Sec Lght for bnch shltrs C47028 (ID 904)			\$7,125		Ent Rev and FTA Grant - Still awaiting federal funding
1-2 Yrs	2	Automated Veh Locator (AVL system-GPS C47036 (ID 953)			\$30,023		Ent Rev and FTA Grant - Still awaiting federal funding
1-2 Yrs	3	Replace (4) Paratransit Vehicles C47030 (ID 908)			\$30,000		Ent Rev and FTA Grant - Still awaiting federal funding
1-2 Yrs	4	Rpl. #374 & #375 40' Transit Buses C47034 (ID 909)			\$40,000		Ent Rev and FTA Grant - Still awaiting federal funding
1-2 Yrs	5	Rpl. (2) 40' Buses #1965 & #1966 (ID 968)			\$40,000		
1-2 Yrs	6	Rpl. (2) Paratransit Vans #1937 & 1938 C47038 (ID 911)			\$48,500		
1-2 Yrs	7	Rpl. (2) Paratransit Vehicles (ID 912)			\$30,000		
1-2 Yrs	8	Rpl. (6) 35' New Flyer Buses #1892-1897 (ID 913)			\$120,000		
1-2 Yrs	9	Stimulus - 15 Software Licenses (ID 1171)		X	\$15,600		
1-2 Yrs	10	Stimulus - shelters and Benches (ID 1168)		X	\$151,050	2009	
3-5 Yrs	1	Feasibility/Env Study: South Park and Ride (ID 1036)		X	\$60,000	2014	Unfunded
3-5 Yrs	6	Rpl. (2) 40' New Flyer Buses #1851, #1852 (ID 1169)		X	\$740,000	2012	

Changes from 2009 CIP

Timeframe	Project Name	Project Deleted	Project Added	Funding Change	Timing Change	Notes
Airport						
1-2 Yrs	1 Air Traffic Control Tower Road Imprvmnts (ID 959)				2010 to 2011	
1-2 Yrs	2 Airport Landside Pavemnt Imprvmnts (ID 963)			(\$200,000)		
1-2 Yrs	3 Airport Maintenance Shop Expansion (ID 964)				2010 to 2011	
1-2 Yrs	4 General Aviation Apron & Taxi Parking C44081 (ID 970)		X	\$40,000	2011	Transp S Tax
1-2 Yrs	6 Realign Route H for TW Expansion - 95% FA (ID 1184)		X	\$2,985,286	2011	FAA and Transp S Tax
1-2 Yrs	7 SRE High Speed Broom - 95% FAA (ID 1183)		X	\$485,000	2010	FAA and Transp S Tax
3-5 Yrs	9 Upgrade Crosswind Runway 13-31: 95% FAA (ID 940)				2013 to 2012	FAA and Transp S Tax