
MEMORANDUM

To: Mayor and City Council

From: Michael Smith, Director of Public Works

Date: 1/23/2012

Subject: **Approval of Five Year Paving Plan. (Michael Smith)**

ITEM DESCRIPTION

Approval of Five Year Paving Plan

BACKGROUND

Public Works developed the 2011 five year paving plan based on \$1,800,000 in funding from the City's general fund and \$200,000 from the State's Local Maintenance and Improvement Grant (LMIG). This \$2,000,000 in total funding is at the lower end of the range of suggested annual funding presented in the 2009 Pavement Condition Assessment report but represents a funding level that is sustainable annually based on the City's finances. Council's policy in prior years has been to set the base funding level for paving at \$2,000,000 while reserving the option to supplement the base funding with surplus funds as they become available.

DISCUSSION

2012 Changes

A 2012 update of the five year plan was presented at the January 9, 2012 Council meeting. The 2012 five year plan update included a number of changes from 2011 based on the following factors:

- The budget for 2012 has been increased to \$2,530,000 to include 2011 surplus funds allocated to paving.
- Actual paving costs in 2011 were well below estimates which allowed the City to use 2011 funding to pave 10 additional neighborhood streets originally scheduled for future years.

Additionally, the following roads were excluded from consideration for paving in 2012 pending other capital projects or potential funding through the Transportation Investment Act regional sales tax:

Road	From	To	Reason for Exclusion
Chamblee Dunwoody Rd.	Cotillion Dr	Peeler Rd	Pending Livable Communities Initiative grant
Chamblee Dunwoody Rd.	Nerine Circle	Roberts Dr.	Pending Livable Communities Initiative grant
Dunwoody Club Dr.	Brooke Farm Dr.	Happy Hollow Rd.	Coordinating with Sandy Springs
Mount Vernon Rd.	Ashford Dunwoody Rd.	Dunwoody Club Dr.	Included on regional sales tax project list
North Peachtree Rd.	Barclay Dr.	Tilly Mill Rd.	Coordinate with Tilly Mill/North Peachtree Intersection Improvement Project
Peeler Road	Adams Dr.	N. Peachtree Rd.	Coordinate with Tilly Mill/North Peachtree Intersection Improvement Project
Tilly Mill Rd.	Peeler Rd.	Womack Rd.	Coordinate with Tilly Mill/North Peachtree Intersection Improvement Project
Vermack Rd.	Chamblee Dunwoody Rd.	Mount Vernon Rd.	Vermack/Womack Intersection Imp. Project
Womack Rd.	Chamblee Dunwoody Rd.	Tilly Mill Rd.	Vermack/Womack Intersection Imp. Project

Funding Allocation

The targeted budget allocation for each year follows the approach adopted by Council in 2010 which is: 70% of the funding for the most heavily traveled roads that provide the greatest user benefit, 10% for the lowest rated neighborhood streets, 10% for bidding/asphalt price contingency and 10% for construction contingency. The funding allocation is based on two principals:

1. Paving the main thoroughfares frequently prevents the road from deteriorating to a point where it has to be reconstructed. As the condition of the road worsens it becomes more expensive to improve and the most heavily traveled roads are the most costly to reconstruct.
2. Paving the most heavily traveled thoroughfares benefits the greatest number of citizens.

As has been the case in previous years, any unused contingency will be allocated to paving additional residential streets.

Prioritization

The following factors in general order of importance are considered when prioritizing the main thoroughfares:

1. The timing of related capital projects
2. Pavement condition as assessed in 2009
3. Traffic volume
4. Cost

5. Current pavement condition/maintenance history

Relative to costs, the plan seeks to put together a set of streets for paving each year that best fits within the available budget and that is most cost effective based on where each road is in its life cycle. Simply put, a street may be moved up or down the list to balance budgets across years. A street may also be deferred to a future year because doing so would not cause it to deteriorate to the point that a more expensive rehabilitation would be required.

Neighborhood streets are prioritized based on the following factors:

1. Pavement condition as assessed in 2009
2. Proximity to other streets in similar condition and main thoroughfares scheduled for paving
3. Current pavement condition
4. Cost

At its January 9th meeting, the Council requested alternatives of the five year plan that provided for adding bike lanes on Spalding and Chamblee Dunwoody in accordance with the City's Comprehensive Transportation Plan. Three versions of the paving plan are presented:

1. Original plan as presented at the January 9th work session.
2. Plan that includes adding bike lanes on Spalding in 2012.
3. Plan that includes adding bike lanes on Spalding and Chamblee Dunwoody in 2012.

If the funding year of a street has changed from the 2011 to the 2012 plan, the change is noted in the last column of the table in Attachment "A". All neighborhood streets have either moved up the list or remained in the same year.

RECOMMENDED ACTION

Staff respectfully requests approval of one of the three plans presented. Upon approval, Public Works will begin preparing more detailed construction estimates and bid documents for paving.

ATTACHMENT "A" 5-YEAR CAPITAL PAVING PLAN

Street	From	To	Length (feet)	Cumulative by Year	Notes
2012					
ASHFORD CENTER PKWY	ASHFORD DUNWOODY	CHAMBLEE DUNWOODY	2993	\$ 333,000	Moved up from 2013
CHAMBLEE DUNWOODY	PEELER RD	NERINE CIRCLE	6161	\$ 559,000	
MOUNT VERNON RD	WEST CITY LIMIT	ASHFORD DUNWOODY	3756	\$ 796,000	Moved up from 2013, Includes widening for bike lanes
PERIMETER CENTER E	ASHFORD DUNWOODY	ASHFORD DUNWOODY	6415	\$ 1,287,000	Moved up from 2014
PERIMETER CENTER PL	PERIMETER CENTER W	MEADOW LANE RD	1911	\$ 1,475,000	Moved up from 2014
WINTERS CHAPEL RD	500 Ft. N. OF PEELER	N OF WINTERHAVEN CT	2200	\$ 1,623,000	Moved up from 2013
WINTERS CHAPEL RD	CHARMANT PL	JONES MILL RD	1505	\$ 1,726,000	Added
SPALDING DR	CHAMBLEE DUNWOODY	WELDSTONE CT	1373	\$ 1,811,000	Moved up from 2013
TENNILLE CT	HALLFORD DR	END	373	\$ 1,835,000	
ASHLEY CT	DUNWOODY CLUB	END	209	\$ 1,848,000	
SANLEE LANE	SUMAC DR	END	894	\$ 1,872,000	Moved up from 2014
A ¹ / ₂ IE WAY	SUMAC DR	END	904	\$ 1,897,000	Moved up from 2014
L ¹ / ₂ SPRINGS CIR	LAKESPRINGS DR	END	175	\$ 1,905,000	Moved up from 2013
LAKESPRINGS CT	LAKESPRINGS DR	END	508	\$ 1,923,000	Moved up from 2013
BROUGHTON CT	VERNON OAKS DR	END	464	\$ 1,946,000	Moved up from 2015
TICHENOR CT	VERNON OAKS DR	END	420	\$ 1,968,000	Moved up from 2015
VERNON OAKS DR	WOMACK RD	MOUNT VERNON RD	2801	\$ 2,075,000	Added
TYNDALL CT	VERNON OAKS DR	END	327	\$ 2,091,000	Added
ARNAUD CT	VERNON SPRINGS DR	END	558	\$ 2,114,000	Added
CHARMANT PL	WINTERS CHAPEL RD	END	944	\$ 2,150,000	Moved up from 2015
JOEL PL	CHARMANT PL	END	1049	\$ 2,189,000	Added
JOEL LN	FONTAINEBLEAU DR	JOEL PL	637	\$ 2,216,000	Added
JOEL CT	JOEL PL	END	360	\$ 2,232,000	Added
W. FONTAINEBLEAU CT	HAPPY HOLLOW RD	END	379	\$ 2,245,000	
Contingency				\$ 255,000	
				\$ 2,500,000	

ATTACHMENT "A" 5-YEAR CAPITAL PAVING PLAN

Street	From	To	Length	Cumulative by Year	Notes
2013					
CROWN POINTE PKWY	MEADOW LANE RD	PERIMETER CENTER W	1211	\$ 74,000	Added
MEADOW LANE RD	ASHFORD DUNWOODY	CROWN POINTE PKWY	2099	\$ 291,000	Moved up from 2015
CHAMBLEE DUNWOODY	WOMACK RD	ROBERTS DR	3997	\$ 621,000	Moved down from 2012
CHAMBLEE DUNWOODY	NERINE CI	WOMACK RD	1538	\$ 730,000	Moved down from 2012
MOUNT VERNON RD	NANDINA LN	CHAMBLEE DUNWOODY	366	\$ 775,000	Moved down from 2012
MOUNT VERNON RD	CHAMBLEE DUNWOODY	MANHASSET DR	4872	\$ 951,000	Moved down from 2012
PEACHFORD RD	DUNBAR DR	N PEACHTREE RD	2085	\$ 1,063,000	Moved up from 2015
REDFIELD LN	REDFIELD DR	END	1050	\$ 1,119,000	Added
REDFIELD DR	REDIELD RD	REDFIELD LN	1472	\$ 1,171,000	Added
REDFIELD CIR	REDFIELD LN	END	858	\$ 1,209,000	Added
MILL GATE CT	BEND CREEK RD	END	462	\$ 1,226,000	Added
MILL RACE CT	MILL TRACE DR	END	373	\$ 1,245,000	Moved up from 2015
MILL SHIRE LN	DUNWOODY CLUB DR	MILL GLEN DR	1109	\$ 1,282,000	Added
MILL TRACE DR	DUNWOODY CLUB DR	BEND CREEK DR	3072	\$ 1,408,000	Added
TROWBRIDGE DR	EAST END	BALL MILL RD	2116	\$ 1,469,000	Moved up from 2015
TROWBRIDGE COVE	TROWBRIDGE DR	END	493	\$ 1,489,000	Added
TAMWORTH CT	TROWBRIDGE DR	END	1030	\$ 1,531,000	Added
ASHMONT CT	MOUNT VERNON RD	END	508	\$ 1,546,000	
SHARON VALLEY CT	END	END	2331	\$ 1,620,000	Added
DUNKERRIN LN	TILLY MILL RD	DUNKERRIN CIR	1056	\$ 1,654,000	Added
VINTAGE LN	HUNTINGTON CI	END	343	\$ 1,668,000	Moved up from 2015
Contingency				\$ 346,000	
				\$ 2,000,000	

ATTACHMENT "A" 5-YEAR CAPITAL PAVING PLAN

Street	From	To	Length	Cumulative by Year	Notes
2014					
N PEACHTREE RD	COTILLION DR	BROOKHURST DR	1297	\$ 114,000	Moved up from 2015
N PEACHTREE RD	BARCLAY DR	TILLY MILL RD	1396	\$ 240,000	
PEELER RD	ADAMS RD	N PEACHTREE RD	3884	\$ 395,000	
TILLY MILL RD	PEELER RD	N PEACHTREE RD	1815	\$ 464,000	Moved down from 2012
TILLY MILL RD	N PEACHTREE RD	WOMACK RD	3248	\$ 629,000	
VERMACK RD	WOMACK RD	CHAMBLEE DUNWOODY	4379	\$ 835,000	Moved up from 2015
CHAMBLEE DUNWOODY	COTILLION DR	PEELER RD	3426	\$ 1,113,000	Moved up from 2015
VALLEY VIEW DR	ASHFORD DUNWOODY	CHAMBLEE DUNWOODY	3660	\$ 1,236,000	Added
VERMACK RIDGE	VERMACK RD	END	1132	\$ 1,283,000	Moved up from 2015
VERMACK CT	VERMACK RD	END	1066	\$ 1,322,000	Added
FONTAINEBLEAU WY	WINTERS CHAPEL RD	FONTAINEBLEAU DR	231	\$ 1,328,000	
FONTAINEBLEAU DR	HAPPY HOLLOW RD	EAST END	4191	\$ 1,488,000	Moved up from 2015
GRENOBLE CT	FONTAINEBLEAU DR	END	250	\$ 1,497,000	Added
C ₁ LET CT	FONTAINEBLEAU DR	END	360	\$ 1,514,000	Added
F ₁ JR DE LIS WAY	FONTAINEBLEAU DR	FLEUR DE LIS CT	1076	\$ 1,552,000	Added
STRATHAM DR	MOUNT VERNON RD	END	1304	\$ 1,591,000	
VERDON CT	VERDON DR	END	241	\$ 1,599,000	
BORDEAU CT	VERDON DR	END	590	\$ 1,617,000	
Contingency				\$ 383,000	
				\$ 2,000,000	

ATTACHMENT "A" 5-YEAR CAPITAL PAVING PLAN

Street	From	To	Length	Cumulative by Year	Notes
2015					
DUNWOODY PARK	CHAMBLEE DUNWOODY	N SHALLOWFORD RD	2257	\$ 122,000	
DUNWOODY PARK N	DUNWOODY PARK	END	644	\$ 157,000	
N PEACHTREE RD	TILLY MILL RD	DELVERTON DR	2788	\$ 298,000	Added
VERMACK RD	MOUNT VERNON RD	WOMACK RD	2864	\$ 476,000	Moved down from 2014
VANDERLYN DR	VERMACK RD	END	2339	\$ 571,000	Added
HIDDEN BRANCHES DR	TRAILRIDGE LN	TWIN BRANCHES WY	1617	\$ 634,000	
HIDDEN BRANCHES DR	TWIN BRANCHES WAY	WINDING BRANCH	1459	\$ 688,000	Added
HIDDEN BRANCHES DR	MOUNT VERNON RD	TRAILRIDGE LN	1343	\$ 738,000	Added
PINE BARK CT	HIDDEN BRANCHES DR	END	508	\$ 754,000	Added
PINE BARK LN	WINDING BRANCH CI	END	221	\$ 767,000	
WELTON PL	N PEACHTREE RD	END	1129	\$ 828,000	Added
CLARIDGE CT	SUDBURY RD	END	261	\$ 843,000	
CHERRING LN	PEELER RD	CHERRING DR	1238	\$ 880,000	Added
W. LSHIRE LN	WELLSHIRE PL	END	1076	\$ 932,000	Added
T. ASSEE CT	N PEACHTREE RD	END	723	\$ 964,000	Added
EQUESTRIAN CT	VERNON OAKS DR	FONTAINEBLEU WAY	3277	\$ 1,067,000	
THE WOODSONG	WOODSONG DR	END	257	\$ 1,082,000	
WOODSONG CT	WOODSONG TRL	END	1010	\$ 1,124,000	Added
WOODSONG TR	DUNWOODY CLUB DR	DUNWOODY CLUB DR	2518	\$ 1,217,000	Added
WOODSONG DR	WOODSONG TRL	END	1442	\$ 1,271,000	Added
WITHMERE CT	WITHMERE WAY	END	185	\$ 1,288,000	Added
RESTON CT	WITHMERE WAY	END	462	\$ 1,313,000	Added
ANDOVER DR	TILLY MILL RD	END	1658	\$ 1,375,000	Added
ANDALUSIA TR	ANDOVER DR	END	1387	\$ 1,429,000	Added
ANDALUSIA CT	ANDALUSIA TR	END	281	\$ 1,444,000	Added
CHATEAU DR	CHAMBLEE DUNWOODY	N SPRINGS DR	3718	\$ 1,594,000	Added
LITTLEBROOKE CT	LITTLEBROOKE DR	END	297	\$ 1,608,000	
Contingency				\$ 392,000	
				\$ 2,000,000	

ATTACHMENT "A" 5-YEAR CAPITAL PAVING PLAN

Street	From	To	Length	Cumulative by Year	Notes
2016					
ASHFORD DUNWOODY RD	HAMMOND DR	PERIMETER CENTER E	2251	\$ 220,000	
MOUNT VERNON RD	MANHASSET DR	WELLESLEY LN	4683	\$ 571,000	Moved down from 2013
MOUNT VERNON RD	WELLESLEY LN	SAFFRON DR	2307	\$ 748,000	Moved down from 2013
TILLY MILL RD	WOMACK RD	MOUNT VERNON RD	4858	\$ 1,004,000	
WOMACK RD	CHAMBLEE DUNWOODY	VERMACK RD	4724	\$ 1,231,000	
DUNWOODY CLUB DR	BROOKE FARM DR	HAPPY HOLLOW RD	5182	\$ 1,403,000	Moved down from 2012, Assumes 1/2 cost paid by COSS
AURORA LN	AURORA CT	CORONATION CT	482	\$ 1,422,000	
AURORA CT	ROBERTS DR	END	1214	\$ 1,474,000	
CORONATION CT	CORONATION DR	END	396	\$ 1,494,000	
CORONATIONI DR	SPALDING DR	END	2406	\$ 1,592,000	
				\$ 408,000	
				\$ 2,000,000	

ATTACHMENT "B"
5-YEAR CAPITAL PAVING PLAN
BIKE LANES ADDED ON SPALDING DRIVE

Street	From	To	Length (feet)	Estimated Cost	Cumulative by Year	Notes
2012						
ASHFORD CENTER PKWY	ASHFORD DUNWOODY	CHAMBLEE DUNWOODY	2993	\$ 333,000	\$ 333,000	Moved up from 2013
CHAMBLEE DUNWOODY	VERMACK RD	WOMACK RD	6400	\$ 235,000	\$ 568,000	
MOUNT VERNON RD	WEST CITY LIMIT	ASHFORD DUNWOODY	3756	\$ 152,000	\$ 720,000	Moved up from 2013, Includes widening for bike lanes
WINTERS CHAPEL RD	500 Ft. N. OF PEELER	N OF WINTERHAVEN CT	2200	\$ 148,000	\$ 868,000	Moved up from 2013
WINTERS CHAPEL RD	CHARMANT PL	JONES MILL RD	1505	\$ 103,000	\$ 971,000	Added
SPALDING DR	CHAMBLEE DUNWOODY	WELDSTONE CT	1373	\$ 85,000	\$ 1,056,000	Moved up from 2013
PERIMETER CENTER E	ASHFORD DUNWOODY	ASHFORD DUNWOODY	6415	\$ 410,000	\$ 1,466,000	Moved up from 2014
PERIMETER CENTER PL	PERIMETER CENTER W	MEADOW LANE RD	1911	\$ 188,000	\$ 1,654,000	Moved up from 2014
TENNILLE CT	HALLFORD DR	END	373	\$ 24,000	\$ 1,678,000	
ASHLEY CT	DUNWOODY CLUB	END	209	\$ 13,000	\$ 1,691,000	
S 1/2 LEE LANE	SUMAC DR	END	894	\$ 24,000	\$ 1,715,000	Moved up from 2014
A 1/2 IE WAY	SUMAC DR	END	904	\$ 25,000	\$ 1,740,000	Moved up from 2014
LAKESPRINGS CIR	LAKESPRINGS DR	END	175	\$ 8,000	\$ 1,748,000	Moved up from 2013
LAKESPRINGS CT	LAKESPRINGS DR	END	508	\$ 18,000	\$ 1,766,000	Moved up from 2013
BROUGHTON CT	VERNON OAKS DR	END	464	\$ 23,000	\$ 1,789,000	Moved up from 2015
TICHENOR CT	VERNON OAKS DR	END	420	\$ 22,000	\$ 1,811,000	Moved up from 2015
VERNON OAKS DR	WOMACK RD	MOUNT VERNON RD	2801	\$ 107,000	\$ 1,918,000	Added
TYNDALL CT	VERNON OAKS DR	END	327	\$ 16,000	\$ 1,934,000	Added
ARNAUD CT	VERNON SPRINGS DR	END	558	\$ 23,000	\$ 1,957,000	Added
CHARMANT PL	WINTERS CHAPEL RD	END	944	\$ 36,000	\$ 1,993,000	Moved up from 2015
JOEL PL	CHARMANT PL	END	1049	\$ 39,000	\$ 2,032,000	Added
JOEL LN	FONTAINEBLEAU DR	JOEL PL	637	\$ 27,000	\$ 2,059,000	Added
JOEL CT	JOEL PL	END	360	\$ 16,000	\$ 2,075,000	Added
W. FONTAINEBLEAU CT	HAPPY HOLLOW RD	END	379	\$ 13,000	\$ 2,088,000	
Bike Lanes-Spalding				\$ 175,000	\$ 2,263,000	
Contingency					9% \$ 237,000	
				2012 Total	\$ 2,500,000	

ATTACHMENT "B"

5-YEAR CAPITAL PAVING PLAN

BIKE LANES ADDED ON SPALDING DRIVE

Street	From	To	Length	Estimated Cost	Cumulative by Year	Notes
2013						
MOUNT VERNON RD	NANDINA LN	CHAMBLEE DUNWOODY	366	\$ 45,000	\$ 45,000	Moved down from 2012
MOUNT VERNON RD	CHAMBLEE DUNWOODY	MANHASSET DR	4872	\$ 176,000	\$ 221,000	Moved down from 2012
CROWN POINTE PKWY	MEADOW LANE RD	PERIMETER CENTER W	1211	\$ 74,000	\$ 295,000	Added
MEADOW LANE RD	ASHFORD DUNWOODY	CROWN POINTE PKWY	2099	\$ 217,000	\$ 512,000	Moved up from 2015
CHAMBLEE DUNWOODY	WOMACK RD	ROBERTS DR	3997	\$ 330,000	\$ 842,000	Moved down from 2012
PEACHFORD RD	DUNBAR DR	N PEACHTREE RD	2085	\$ 112,000	\$ 954,000	Moved up from 2015
WICKFORD WAY	WOMACK RD	MOUNT VERNON RD	1762	\$ 55,000	\$ 1,009,000	Added
REDFIELD LN	REDFIELD DR	END	1050	\$ 56,000	\$ 1,065,000	Added
REDFIELD DR	REDFIELD RD	REDFIELD LN	1472	\$ 52,000	\$ 1,117,000	Added
REDFIELD CIR	REDFIELD LN	END	858	\$ 38,000	\$ 1,155,000	Added
MILL GATE CT	BEND CREEK RD	END	462	\$ 17,000	\$ 1,172,000	Moved up from 2015
MILL RACE CT	MILL TRACE DR	END	373	\$ 19,000	\$ 1,191,000	Added
MILL SHIRE LN	DUNWOODY CLUB DR	MILL GLEN DR	1109	\$ 37,000	\$ 1,228,000	Added
MILL TRACE DR	DUNWOODY CLUB DR	BEND CREEK DR	3072	\$ 126,000	\$ 1,354,000	Moved up from 2015
TROWBRIDGE DR	EAST END	BALL MILL RD	2116	\$ 61,000	\$ 1,415,000	Added
TROWBRIDGE COVE	TROWBRIDGE DR	END	493	\$ 20,000	\$ 1,435,000	Added
TAMWORTH CT	TROWBRIDGE DR	END	1030	\$ 42,000	\$ 1,477,000	
ASHMONT CT	MOUNT VERNON RD	END	508	\$ 15,000	\$ 1,492,000	Added
ANDOVER DR	TILLY MILL RD	END	1658	\$ 57,000	\$ 1,549,000	Added
ANDALUSIA TR	ANDOVER DR	END	1387	\$ 50,000	\$ 1,599,000	Added
ANDALUSIA CT	ANDALUSIA TR	END	281	\$ 14,000	\$ 1,613,000	
Contingency				19%	\$ 387,000	
				2013 Total	\$ 2,000,000	

ATTACHMENT "B"
5-YEAR CAPITAL PAVING PLAN
BIKE LANES ADDED ON SPALDING DRIVE

Street	From	To	Length	Estimated Cost	Cumulative by Year	Notes
2014						
N PEACHTREE RD	COTILLION DR	BROOKHURST DR	1297	\$ 114,000	\$ 114,000	Moved up from 2015
N PEACHTREE RD	BARCLAY DR	TILLY MILL RD	1396	\$ 126,000	\$ 240,000	
PEELER RD	ADAMS RD	N PEACHTREE RD	3884	\$ 155,000	\$ 395,000	
TILLY MILL RD	PEELER RD	N PEACHTREE RD	1815	\$ 69,000	\$ 464,000	Moved down from 2012
TILLY MILL RD	N PEACHTREE RD	WOMACK RD	3248	\$ 165,000	\$ 629,000	
VERMACK RD	WOMACK RD	CHAMBLEE DUNWOODY	4379	\$ 206,000	\$ 835,000	Moved up from 2015
CHAMBLEE DUNWOODY	COTILLION DR	PEELER RD	3426	\$ 278,000	\$ 1,113,000	Moved up from 2015
N PEACHTREE RD	TILLY MILL RD	DELVERTON DR	2788	\$ 135,000	\$ 1,248,000	Added
WELTON PL	N PEACHTREE RD	END	1129	\$ 59,000	\$ 1,307,000	Added
TAMASSEE CT	N PEACHTREE RD	END	723	\$ 30,000	\$ 1,337,000	Added
VERMACK RIDGE	VERMACK RD	END	1132	\$ 47,000	\$ 1,384,000	Moved up from 2015
VERMACK CT	VERMACK RD	END	1066	\$ 39,000	\$ 1,423,000	Added
LURAY CT	LURAY DR	END	964	\$ 35,000	\$ 1,458,000	Added
F - 71 - C - 71 - CHERRING LN	LURAY DR	END	337	\$ 12,000	\$ 1,470,000	Added
CHERRING DR	PEELER RD	CHERRING DR	1238	\$ 35,000	\$ 1,505,000	Added
STRATHAM DR	PEELER RD	TILLY MILL RD	1666	\$ 62,000	\$ 1,567,000	Added
VERDON CT	MOUNT VERNON RD	END	1304	\$ 39,000	\$ 1,606,000	
BORDEAU CT	VERDON DR	END	241	\$ 8,000	\$ 1,614,000	
Contingency	VERDON DR	END	590	\$ 18,000	\$ 1,632,000	
				18%	\$ 368,000	
				2014 Total	\$ 2,000,000	

ATTACHMENT "B" 5-YEAR CAPITAL PAVING PLAN BIKE LANES ADDED ON SPALDING DRIVE

Street	From	To	Length	Estimated Cost	Cumulative by Year	Notes	
2015							
DUNWOODY PARK	CHAMBLEE DUNWOODY	N SHALLOWFORD RD	2257	\$ 122,000	\$ 122,000		
DUNWOODY PARK N	DUNWOODY PARK	END	644	\$ 35,000	\$ 157,000		
VERMACK RD	MOUNT VERNON RD	WOMACK RD	2864	\$ 178,000	\$ 335,000	Moved down from 2014	
VALLEY VIEW DR	ASHFORD DUNWOODY	CHAMBLEE DUNWOODY	3660	\$ 128,000	\$ 463,000	Added	
VANDERLYN DR	VERMACK RD	END	2339	\$ 95,000	\$ 558,000	Added	
HIDDEN BRANCHES DR	TRAILRIDGE LN	TWIN BRANCHES WY	1617	\$ 63,000	\$ 621,000		
HIDDEN BRANCHES DR	TWIN BRANCHES WAY	WINDING BRANCH	1459	\$ 54,000	\$ 675,000	Added	
HIDDEN BRANCHES DR	MOUNT VERNON RD	TRAILRIDGE LN	1343	\$ 50,000	\$ 725,000	Added	
PINE BARK CT	HIDDEN BRANCHES DR	END	508	\$ 16,000	\$ 741,000	Added	
PINE BARK LN	WINDING BRANCH CI	END	221	\$ 13,000	\$ 754,000		
CLARIDGE CT	SUDBURY RD	END	261	\$ 15,000	\$ 769,000		
WELLSHIRE LN	WELLSHIRE PL	END	1076	\$ 52,000	\$ 821,000	Added	
EQUESTRIAN CT	EQUESTRIAN WAY	END	231	\$ 9,000	\$ 830,000		
TIT WOODSONG	WOODSONG DR	END	257	\$ 15,000	\$ 845,000		
WINDSONG CT	WOODSONG TRL	END	1010	\$ 42,000	\$ 887,000	Added	
WOODSONG TR	DUNWOODY CLUB DR	DUNWOODY CLUB DR	2518	\$ 93,000	\$ 980,000	Added	
WOODSONG DR	WOODSONG TRL	END	1442	\$ 54,000	\$ 1,034,000	Added	
WITHMERE CT	WITHMERE WAY	END	185	\$ 17,000	\$ 1,051,000	Added	
RESTON CT	WITHMERE WAY	END	462	\$ 25,000	\$ 1,076,000	Added	
CHATEAU DR	CHAMBLEE DUNWOODY	N SPRINGS DR	3718	\$ 150,000	\$ 1,226,000	Added	
LITTLEBROOKE CT	LITTLEBROOKE DR	END	297	\$ 14,000	\$ 1,240,000		
FONTAINEBLEAU WY	WINTERS CHAPEL RD	FONTAINEBLEAU DR	231	\$ 6,000	\$ 1,246,000		
FONTAINEBLEU DR	HAPPY HOLLOW RD	EAST END	4191	\$ 167,000	\$ 1,413,000		
GRENOBLE CT	FONTAINEBLEAU DR	END	250	\$ 10,000	\$ 1,423,000	Added	
CHALET CT	FONTAINBLEAU DR	END	360	\$ 18,000	\$ 1,441,000	Added	
FLEUR DE LIS WAY	FONTAINBLEAU DR	FLEUR DE LIS CT	1076	\$ 40,000	\$ 1,481,000	Added	
ORLEANS CT	ROCHELLE DR	END	634	\$ 28,000	\$ 1,509,000		
BRENDON DR	N PEACHTREE RD	DAVANTRY	2838	\$ 67,000	\$ 1,576,000		
LITTLEBROOKE LN	BROOKELAKE DR	END	422	\$ 20,000	\$ 1,596,000		
LITTLEBROOKE CI	BROOKELAKE DR	END	179	\$ 9,000	\$ 1,605,000		
Contingency				20%	\$ 395,000		
2015 Total					\$	2,000,000	

ATTACHMENT "B"
5-YEAR CAPITAL PAVING PLAN
BIKE LANES ADDED ON SPALDING DRIVE

Street	From	To	Length	Estimated Cost	Cumulative by Year	Notes
2016						
MOUNT VERNON RD	WELLESLEY LN	SAFFRON DR	2307	\$ 177,000	\$ 177,000	Moved down from 2013
MOUNT VERNON RD	MANHASSET DR	WELLESLEY LN	4683	\$ 351,000	\$ 528,000	Moved down from 2013
ASHFORD DUNWOODY RD	HAMMOND DR	PERIMETER CENTER E	2251	\$ 220,000	\$ 748,000	
TILLY MILL RD	WOMACK RD	MOUNT VERNON RD	4858	\$ 256,000	\$ 1,004,000	
WOMACK RD	CHAMBLEE DUNWOODY	VERMACK RD	4724	\$ 227,000	\$ 1,231,000	
DUNWOODY CLUB DR	BROOKE FARM DR	HAPPY HOLLOW RD	5182	\$ 143,500	\$ 1,374,500	Moved down from 2012, Assumes 1/2 cost paid by COSS
SHARON VALLEY CT	END	END	2331	\$ 84,000	\$ 1,458,500	Added
DUNKERRIN LN	TILLY MILL RD	DUNKERRIN CIR	1056	\$ 39,000	\$ 1,497,500	Added
DUNOVER CIR	TILLY MILL RD	SHARON VALLEY CT	2337	\$ 87,000	\$ 1,584,500	Added
FLINTSHIRE CT	SHARON VALLEY CT	END	578	\$ 22,000	\$ 1,606,500	Added
LEDGEWOOD DR	RIVERGLENN CIR	DUNOVER CIR	525	\$ 20,000	\$ 1,626,500	Added
Village LN	HUNTINGTON CI	END	343	\$ 17,000	\$ 1,643,500	Moved down from 2015
				18%	\$ 356,500	
				2016 Total	\$ 2,000,000	
DEFERRED TO 2017						
AURORA LN	AURORA CT	CORONATION CT	482	\$ 19,000	\$ 1,393,500	
AURORA CT	ROBERTS DR	END	1214	\$ 52,000	\$ 1,445,500	
CORONATION CT	CORONATION DR	END	396	\$ 20,000	\$ 1,465,500	
CORONATIONI DR	SPALDING DR	END	2406	\$ 98,000	\$ 1,563,500	
	Road moved down from January 9, 2012 plan					
	Road moved up or added					

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ATTACHMENT "C"
5-YEAR CAPITAL PAVING PLAN
BIKE LANES ADDED ON SPALDING AND CHAMBLEE DUNWOODY

Street	From	To	Length (feet)	Estimated Cost	Cumulative by Year	Notes
2012						
ASHFORD CENTER PKWY	ASHFORD DUNWOODY	CHAMBLEE DUNWOODY	2993	\$ 333,000	\$ 333,000	Moved up from 2013
CHAMBLEE DUNWOODY	VERMACK RD	WOMACK RD	6400	\$ 235,000	\$ 568,000	
MOUNT VERNON RD	WEST CITY LIMIT	ASHFORD DUNWOODY	3756	\$ 152,000	\$ 720,000	Moved up from 2013, Includes widening for bike lanes
WINTERS CHAPEL RD	500 Ft. N. OF PEELER	N OF WINTERHAVEN CT	2200	\$ 148,000	\$ 868,000	Moved up from 2013
WINTERS CHAPEL RD	CHARMANT PL	JONES MILL RD	1505	\$ 103,000	\$ 971,000	Added
SPALDING DR	CHAMBLEE DUNWOODY	WELDSTONE CT	1373	\$ 85,000	\$ 1,056,000	Moved up from 2013
TENNILLE CT	HALLFORD DR	END	373	\$ 24,000	\$ 1,080,000	
ASHLEY CT	DUNWOODY CLUB	END	209	\$ 13,000	\$ 1,093,000	
SANLEE LANE	SUMAC DR	END	894	\$ 24,000	\$ 1,117,000	Moved up from 2014
ARRIE WAY	SUMAC DR	END	904	\$ 25,000	\$ 1,142,000	Moved up from 2014
L ¹ / ₅ SPRINGS CIR	LAKESPRINGS DR	END	175	\$ 8,000	\$ 1,150,000	Moved up from 2013
L ⁵ / ₁ SPRINGS CT	LAKESPRINGS DR	END	508	\$ 18,000	\$ 1,168,000	Moved up from 2013
BROUGHTON CT	VERNON OAKS DR	END	464	\$ 23,000	\$ 1,191,000	Moved up from 2015
TICHENOR CT	VERNON OAKS DR	END	420	\$ 22,000	\$ 1,213,000	Moved up from 2015
VERNON OAKS DR	WOMACK RD	MOUNT VERNON RD	2801	\$ 107,000	\$ 1,320,000	Added
TYNDALL CT	VERNON OAKS DR	END	327	\$ 16,000	\$ 1,336,000	Added
ARNAUD CT	VERNON SPRINGS DR	END	558	\$ 23,000	\$ 1,359,000	Added
CHARMANT PL	WINTERS CHAPEL RD	END	944	\$ 36,000	\$ 1,395,000	Moved up from 2015
JOEL PL	CHARMANT PL	END	1049	\$ 39,000	\$ 1,434,000	Added
JOEL LN	FONTAINEBLEAU DR	JOEL PL	637	\$ 27,000	\$ 1,461,000	Added
JOEL CT	JOEL PL	END	360	\$ 16,000	\$ 1,477,000	Added
W. FONTAINEBLEAU CT	HAPPY HOLLOW RD	END	379	\$ 13,000	\$ 1,490,000	
Bike Lanes				\$ 750,000	\$ 2,240,000	
Contingency				10%	\$ 260,000	
				2012 Total	\$	2,500,000

ATTACHMENT "C"

5-YEAR CAPITAL PAVING PLAN

BIKE LANES ADDED ON SPALDING AND CHAMBLEE DUNWOODY

Street	From	To	Length	Estimated Cost	Cumulative by Year	Notes
2013						
MOUNT VERNON RD	NANDINA LN	CHAMBLEE DUNWOODY	366	\$ 45,000	\$ 45,000	Moved down from 2012
MOUNT VERNON RD	CHAMBLEE DUNWOODY	MANHASSET DR	4872	\$ 176,000	\$ 221,000	Moved down from 2012
PERIMETER CENTER PL	PERIMETER CENTER W	MEADOW LANE RD	1911	\$ 197,000	\$ 418,000	Moved up from 2014
CROWN POINTE PKWY	MEADOW LANE RD	PERIMETER CENTER W	1211	\$ 74,000	\$ 492,000	Added
MEADOW LANE RD	ASHFORD DUNWOODY	CROWN POINTE PKWY	2099	\$ 217,000	\$ 709,000	Moved up from 2015
CHAMBLEE DUNWOODY	WOMACK RD	ROBERTS DR	3997	\$ 330,000	\$ 1,039,000	Moved down from 2012
PEACHFORD RD	DUNBAR DR	N PEACHTREE RD	2085	\$ 112,000	\$ 1,151,000	Moved up from 2015
REDFIELD LN	REDFIELD DR	END	1050	\$ 56,000	\$ 1,207,000	Added
REDFIELD DR	REDFIELD RD	REDFIELD LN	1472	\$ 52,000	\$ 1,259,000	Added
REDFIELD CIR	REDFIELD LN	END	858	\$ 38,000	\$ 1,297,000	Added
MILL GATE CT	BEND CREEK RD	END	462	\$ 17,000	\$ 1,314,000	Added
MILL RACE CT	MILL TRACE DR	END	373	\$ 19,000	\$ 1,333,000	Moved up from 2015
MILL SHIRE LN	DUNWOODY CLUB DR	MILL GLEN DR	1109	\$ 37,000	\$ 1,370,000	Added
MILL TRACE DR	DUNWOODY CLUB DR	BEND CREEK DR	3072	\$ 126,000	\$ 1,496,000	Added
TROWBRIDGE DR	EAST END	BALL MILL RD	2116	\$ 61,000	\$ 1,557,000	Moved up from 2015
TROWBRIDGE COVE	TROWBRIDGE DR	END	493	\$ 20,000	\$ 1,577,000	Added
TAMWORTH CT	TROWBRIDGE DR	END	1030	\$ 42,000	\$ 1,619,000	Added
ASHMONT CT	MOUNT VERNON RD	END	508	\$ 15,000	\$ 1,634,000	
Contingency				18%	\$ 366,000	
				2013 Total	\$ 2,000,000	

ATTACHMENT "C"
5-YEAR CAPITAL PAVING PLAN
BIKE LANES ADDED ON SPALDING AND CHAMBLEE DUNWOODY

Street	From	To	Length	Estimated Cost	Cumulative by Year	Notes
2014						
N PEACHTREE RD	COTILLION DR	BROOKHURST DR	1297	\$ 114,000	\$ 114,000	Moved up from 2015
N PEACHTREE RD	BARCLAY DR	TILLY MILL RD	1396	\$ 126,000	\$ 240,000	
PEELER RD	ADAMS RD	N PEACHTREE RD	3884	\$ 155,000	\$ 395,000	
TILLY MILL RD	PEELER RD	N PEACHTREE RD	1815	\$ 69,000	\$ 464,000	Moved down from 2012
TILLY MILL RD	N PEACHTREE RD	WOMACK RD	3248	\$ 165,000	\$ 629,000	
VERMACK RD	WOMACK RD	CHAMBLEE DUNWOODY	4379	\$ 206,000	\$ 835,000	Moved up from 2015
CHAMBLEE DUNWOODY	COTILLION DR	PEELER RD	3426	\$ 278,000	\$ 1,113,000	Moved up from 2015
N PEACHTREE RD	TILLY MILL RD	DELVERTON DR	2788	\$ 135,000	\$ 1,248,000	Added
WELTON PL	N PEACHTREE RD	END	1129	\$ 59,000	\$ 1,307,000	Added
TAMASSEE CT	N PEACHTREE RD	END	723	\$ 30,000	\$ 1,337,000	Added
VERMACK RIDGE	VERMACK RD	END	1132	\$ 47,000	\$ 1,384,000	Moved up from 2015
VERMACK CT	VERMACK RD	END	1066	\$ 39,000	\$ 1,423,000	Added
LURAY CT	LURAY DR	END	964	\$ 35,000	\$ 1,458,000	Added
F - NT ROYAL CT	LURAY DR	END	337	\$ 12,000	\$ 1,470,000	Added
C - RRING LN	PEELER RD	CHERRING DR	1238	\$ 35,000	\$ 1,505,000	Added
CHERRING DR	PEELER RD	TILLY MILL RD	1666	\$ 62,000	\$ 1,567,000	Added
STRATHAM DR	MOUNT VERNON RD	END	1304	\$ 39,000	\$ 1,606,000	
VERDON CT	VERDON DR	END	241	\$ 8,000	\$ 1,614,000	
BORDEAU CT	VERDON DR	END	590	\$ 18,000	\$ 1,632,000	
Contingency				18%	\$ 368,000	
				2014 Total	\$ 2,000,000	

ATTACHMENT "C"

5-YEAR CAPITAL PAVING PLAN

BIKE LANES ADDED ON SPALDING AND CHAMBLEE DUNWOODY

Street	From	To	Length	Estimated Cost	Cumulative by Year	Notes
2015						
DUNWOODY PARK	CHAMBLEE DUNWOODY	N SHALLOWFORD RD	2257	\$ 122,000	\$ 122,000	
DUNWOODY PARK N	DUNWOODY PARK	END	644	\$ 35,000	\$ 157,000	
VERMACK RD	MOUNT VERNON RD	WOMACK RD	2864	\$ 178,000	\$ 335,000	Moved down from 2014
VALLEY VIEW DR	ASHFORD DUNWOODY	CHAMBLEE DUNWOODY	3660	\$ 128,000	\$ 463,000	Added
VANDERLYN DR	VERMACK RD	END	2339	\$ 95,000	\$ 558,000	Added
HIDDEN BRANCHES DR	TRAILRIDGE LN	TWIN BRANCHES WY	1617	\$ 63,000	\$ 621,000	
HIDDEN BRANCHES DR	TWIN BRANCHES WAY	WINDING BRANCH	1459	\$ 54,000	\$ 675,000	Added
HIDDEN BRANCHES DR	MOUNT VERNON RD	TRAILRIDGE LN	1343	\$ 50,000	\$ 725,000	Added
PINE BARK CT	HIDDEN BRANCHES DR	END	508	\$ 16,000	\$ 741,000	Added
PINE BARK LN	WINDING BRANCH CI	END	221	\$ 13,000	\$ 754,000	
ANDOVER DR	TILLY MILL RD	END	1658	\$ 62,000	\$ 816,000	Added
ANDALUSIA TR	ANDOVER DR	END	1387	\$ 54,000	\$ 870,000	Added
ANDALUSIA CT	ANDALUSIA TR	END	281	\$ 15,000	\$ 885,000	Added
C RIDGE CT	SUDBURY RD	END	261	\$ 15,000	\$ 900,000	
W LSHIRE LN	WELLSHIRE PL	END	1076	\$ 52,000	\$ 952,000	Added
EQUESTRIAN CT	EQUESTRIAN WAY	END	231	\$ 9,000	\$ 961,000	
THE WOODSONG	WOODSONG DR	END	257	\$ 15,000	\$ 976,000	
WOODSONG CT	WOODSONG TRL	END	1010	\$ 42,000	\$ 1,018,000	Added
WOODSONG TR	DUNWOODY CLUB DR	DUNWOODY CLUB DR	2518	\$ 93,000	\$ 1,111,000	Added
WOODSONG DR	WOODSONG TRL	END	1442	\$ 54,000	\$ 1,165,000	Added
WITHMERE CT	WITHMERE WAY	END	185	\$ 17,000	\$ 1,182,000	Added
RESTON CT	WITHMERE WAY	END	462	\$ 25,000	\$ 1,207,000	Added
CHATEAU DR	CHAMBLEE DUNWOODY	N SPRINGS DR	3718	\$ 150,000	\$ 1,357,000	Added
LITTLEBROOKE CT	LITTLEBROOKE DR	END	297	\$ 14,000	\$ 1,371,000	
VINTAGE LN	HUNTINGTON CI	END	343	\$ 16,000	\$ 1,387,000	
FONTAINEBLEAU WY	WINTERS CHAPEL RD	FONTAINEBLEAU DR	231	\$ 6,000	\$ 1,393,000	Added
FONTAINEBLEU DR	HAPPY HOLLOW RD	EAST END	4191	\$ 167,000	\$ 1,560,000	
GRENOBLE CT	FONTAINEBLEAU DR	END	250	\$ 10,000	\$ 1,570,000	Added
CHALET CT	FONTAINEBLEAU DR	END	360	\$ 18,000	\$ 1,588,000	Added
FLEUR DE LIS WAY	FONTAINEBLEAU DR	FLEUR DE LIS CT	1076	\$ 40,000	\$ 1,628,000	Added
Contingency				19%	\$ 372,000	
				2015 Total	\$ 2,000,000	

ATTACHMENT "C"
5-YEAR CAPITAL PAVING PLAN
BIKE LANES ADDED ON SPALDING AND CHAMBLEE DUNWOODY

Street	From	To	Length	Estimated Cost	Cumulative by Year	Notes
2016						
PERIMETER CENTER E	ASHFORD DUNWOODY	ASHFORD DUNWOODY	6415	\$ 488,000	\$ 488,000	Moved up from 2014
ASHFORD DUNWOODY RD	HAMMOND DR	PERIMETER CENTER E	2251	\$ 220,000	\$ 708,000	
TILLY MILL RD	WOMACK RD	MOUNT VERNON RD	4858	\$ 256,000	\$ 964,000	
WOMACK RD	CHAMBLEE DUNWOODY	VERMACK RD	4724	\$ 227,000	\$ 1,191,000	
DUNWOODY CLUB DR	BROOKE FARM DR	HAPPY HOLLOW RD	5182	\$ 143,500	\$ 1,334,500	Moved down from 2012, Assumes 1/2 cost paid by COSS
SHARON VALLEY CT	END	END	2331	\$ 84,000	\$ 1,418,500	Added
DUNKERRIN LN	TILLY MILL RD	DUNKERRIN CIR	1056	\$ 39,000	\$ 1,457,500	Added
DUNOVER CIR	TILLY MILL RD	SHARON VALLEY CT	2337	\$ 87,000	\$ 1,544,500	Added
FLINTSHIRE CT	SHARON VALLEY CT	END	578	\$ 22,000	\$ 1,566,500	Added
LEDGEWOOD DR	RIVERGLENN CIR	DUNOVER CIR	525	\$ 20,000	\$ 1,586,500	Added
				21%	\$ 413,500	
				2016 Total	\$ 2,000,000	
DEFERRED TO 2017						
MOUNT VERNON RD	WELLESLEY LN	SAFFRON DR	2307	\$ 177,000	\$ 665,000	
MOUNT VERNON RD	MANHASSET DR	WELLESLEY LN	4683	\$ 351,000	\$ 839,000	
AURORA LN	AURORA CT	CORONATION CT	482	\$ 19,000	\$ 1,353,500	
AURORA CT	ROBERTS DR	END	1214	\$ 52,000	\$ 1,405,500	
CORONATION CT	CORONATION DR	END	396	\$ 20,000	\$ 1,425,500	
CORONATIONI DR	SPALDING DR	END	2406	\$ 98,000	\$ 1,523,500	

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Road moved down list from January 9, 2012 version
 Road moved up or added