

MEMORANDUM

To: Mayor and City Council

From: Michael Smith, Public Works Director

Date: March 13, 2017

Subject: **Approval of a Contract to Baldwin Paving for Asphalt Resurfacing**

BACKGROUND

At the November 2016 council meeting, the streets noted as Planned on the attached map were recommended for paving in 2017. The city issued an Invitation to Bid for resurfacing these streets and four bids were received. Bids ranged from \$3,799,929.78 to \$4,773,508.05 with Baldwin Paving, who has completed several city paving projects, submitting the lowest bid (Bid Results Attached). For the second consecutive year the bid prices have increased significantly over the previous year but the paving fund balance is adequate to cover the increased cost.

RECOMMENDED ACTION

Staff recommends award of a contract in the amount of \$3,799,930 plus a 10% contingency to Baldwin Paving. Paving in neighborhoods is expected to begin in mid to late April, weather permitting.

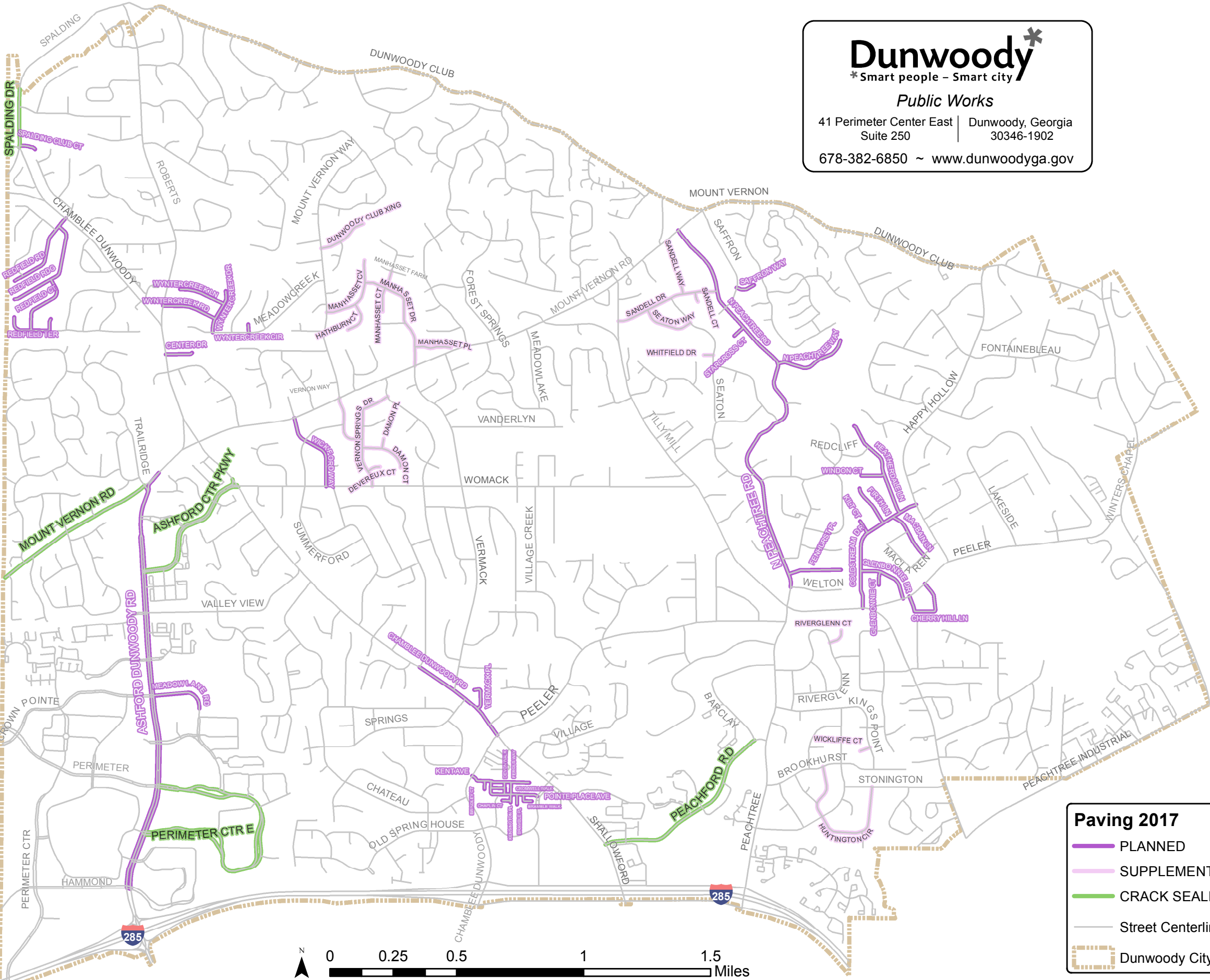
2017 DUNWOODY PAVING PLAN

Dunwoody*
*Smart people – Smart city

Public Works

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Date: 12/20/2016

Arterial/Collectors
ASHFORD DUNWOODY RD
MEADOW LANE RD
CHAMBLEE DUNWOODY RD
Arterial Side Streets
CENTER DR
VERMACK PL
Cherry Hill/DeKalb
Highlands/Winover
CHERRY HILL LN
COLDSTREAM DR
FIRTH LN
GLENBONNIE CT
GLENBONNIE DR
HEATHERDALE LN
KILT CT
MACBAIN LN
WINDON CT
Dunwoody Green
BRAMBLE PL
BRAMBLE WALK
BRINDLEY CT
CHAPLIN CT
CROMWELL WALK
DEVON WALK
KENT AVE
FERGUS WAY
KENSINGTON PL
POINTE PLACE AVE
Kingsley
NORTH PEACHTREE RD
NORTH PEACHTREE WAY
SAFFRON WAY
STARCROSS CT
FENHURST PL
Redfield
REDFIELD CT
REDFIELD RDG
REDFIELD RD
REDFIELD TER
Spalding Club
SPALDING CLUB CT
Wickford
WICKFORD WAY
Wyntercreek
WYNTERCREEK CIR
WYNTERCREEK DR
WYNTERCREEK LN
WYNTERCREEK RD
CRACK SEALING
ASHFORD CENTER PKWY
MOUNT VERNON ROAD
PEACHFORD DR
PERIMETER CENTER EAST
SPALDING DR
SUPPLEMENTAL STREETS
Dunwoody North
HUNTINGTON CIR
RIVERGLEN CT
WICKLIFFE CT
Mount Vernon Springs
DEVEREUX CT
DAMON PL
DAMON CT
VERNON SPRINGS DR
Dunwoody Club
Crossing/Mount Vernon
Cove/Mount Vernon Lake
DUNWOODY CLUB CROSSING
HATHBURN CT
MANHASSET CT
MANHASSET CV
MANHASSET DR
MANHASSET PL
Kingsley
SANDELL CT
SANDELL DR
SANDELL WAY
SEATON WAY
WHITFIELD DR
Mount Vernon Forest
MOUNT VERNON WAY

Paving 2017

- PLANNED
- SUPPLEMENTAL
- CRACK SEALING
- Street Centerline
- Dunwoody City Limits

BLOUNT CONSTRUCTION BALDWIN PAVING STEWART BROS INC C.W.MATTHEWS											
GDOT Pay Item	Description	UOM	QTY	Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total
150-1000	Traffic Control	LS	1	370,382.45	370,382.45	178,038.04	178,038.04	421,300.00	421,300.00	566,952.42	566,952.42
210-0250	Undercut Excavation – 6 to 12 inch depth to be used as needed	CYD	100	105.77	\$10,577.00	47.28	\$4,728.00	75	\$7,500.00	384.73	\$38,473.00
301-2160	Soil-Cement Stabilized Base Course 8 Inches	SY	2,800	21.08	\$59,024.00	26.6	\$74,480.00	21.35	\$59,780.00	22.5	\$63,000.00
301-5000	Portland Cement thoroughly mixed to a depth of 10 inches (below edge of gutter) and compacted to at least 98 percent of the standard Proctor maximum dry density	TN	42	164.9	\$6,925.80	170.2	\$7,148.40	173.65	\$7,293.30	144	\$6,048.00
402-1802	Recycled Asphalt Concrete Patching using 25 MM Superpave including Bituminous Material & H Lime	TN	5,250	148.75	\$780,937.50	111.78	\$586,845.00	187.4	\$983,850.00	119.99	\$629,947.50
402-1812	Recycled Asphalt Concrete Leveling, including Bituminous Material and H Lime	TN	100	108.7	\$10,870.00	104.78	\$10,478.00	90.2	\$9,020.00	148.42	\$14,842.00
402-3103	Recycled Asphalt Concrete 9.5 MM Superpave Type 2 GP 1 or Blend 1 including Bituminous Material and H-Lime	TN	9,700	83.55	\$810,435.00	93.76	\$909,472.00	90.2	\$874,940.00	80.43	\$780,171.00
402-3130	Recycled Asphalt Concrete 12.5 MM Superpave GP 2 Only including Bituminous Material and H-Lime	TN	8,350	85.04	\$710,084.00	87.2	\$728,120.00	84.75	\$707,662.50	79.13	\$660,735.50
407-0010	Asphalt-Rubber Joint and Crack Seal, TP M	LF	63,000	0.62	\$39,060.00	0.89	\$56,070.00	0.9	\$56,700.00	0.75	\$47,250.00
407-0020	Asphalt-Rubber Joint and Crack Seal, TP S	LF	79,000	0.5	\$39,500.00	0.89	\$70,310.00	0.9	\$71,100.00	0.75	\$59,250.00
413-1000	Bituminous Tack Coat	GL	33,000	1.9	\$62,700.00	2.91	\$96,030.00	5	\$165,000.00	1.68	\$55,440.00
415-5000	Open Graded Crack Interlayer	TN	2,200	98.52	\$216,744.00	104.06	\$228,932.00	102.6	\$225,720.00	90.43	\$198,946.00
432-0203	Mill Asphaltic Concrete Pavement, 0.75 in. depth	SY	8,310	2.69	\$22,353.90	2.21	\$18,365.10	4.45	\$36,979.50	2.56	\$21,273.60
432-0204	Mill Asphaltic Concrete Pavement, 1.00 in. depth	SY	2,250	5	\$11,250.00	2.59	\$5,827.50	8.1	\$18,225.00	6.52	\$14,670.00
432-0206	Mill Asphaltic Concrete Pavement, 1.5 in. depth	SY	108,000	2.64	\$285,120.00	2.44	\$263,520.00	4.3	\$464,400.00	2.48	\$267,840.00
432-0208	Mill Asphaltic Concrete Pavement, 2 in. depth	SY	7,600	3.62	\$27,512.00	3.01	\$22,876.00	5.8	\$44,080.00	5.06	\$38,456.00
432-5010	Mill Asphaltic Concrete Pavement, Variable Depth	SY	43,750	2.72	\$119,000.00	3.18	\$139,125.00	7.2	\$315,000.00	4	\$175,000.00
611-8050	Adjust Manhole to Grade	EA	181	875	\$158,375.00	1142.93	\$206,870.33	900	\$162,900.00	808	\$146,248.00
611-8140	Adjust Water Valve to Grade	EA	1	850	\$850.00	690.25	\$690.25	800	\$800.00	480	\$480.00
647-6090	Loop Detector – 6x6	EA	3	977.5	\$2,932.50	886.45	\$2,659.35	1500	\$4,500.00	750	\$2,250.00
647-6090	Loop Detector – 6x40	EA	3	2300	\$6,900.00	1772.9	\$5,318.70	2500	\$7,500.00	1500	\$4,500.00
652-5801	Solid Traffic Stripe, 8-INCH White, (Ash. Dunwoody Road Cross-walk Temporary Striping)	LF	11,600	1.9	\$22,040.00	4.08	\$47,328.00	1.25	\$14,500.00	1.18	\$13,688.00
653-1704	Thermoplastic Solid Traffic Stripe, 24-INCH, White	LF	1,400	7.35	\$10,290.00	8.33	\$11,662.00	5.05	\$7,070.00	4.82	\$6,748.00
653-1501	Thermoplastic Solid Traffic Stripe, 5-INCH, White	LF	27,350	1.68	\$45,948.00	1.08	\$29,538.00	0.7	\$19,145.00	0.68	\$18,598.00
653-1502	Thermoplastic Solid Traffic Stripe, 5-INCH, Yellow	LF	17,250	1.68	\$28,980.00	1.08	\$18,630.00	0.7	\$12,075.00	0.68	\$11,730.00
653-1804	Thermoplastic, Solid Traffic Stripe, 8-INCH, White	LF	2,350	3.45	\$8,107.50	4.08	\$9,588.00	2.5	\$5,875.00	2.36	\$5,546.00
653-3501	Thermoplastic Skip Traffic Stripe, 5-INCH, White	GLF	27,860	1.44	\$40,118.40	0.97	\$27,024.20	0.65	\$18,109.00	0.63	\$17,551.80
653-3502	Thermoplastic Skip Traffic Stripe, 5-INCH, Yellow	GLF	1,240	1.44	\$1,785.60	0.97	\$1,202.80	0.65	\$806.00	0.63	\$781.20
653-6004	Thermoplastic Traffic Striping, White	SY	380	11.24	\$4,271.20	8.22	\$3,123.60	5.05	\$1,919.00	4.82	\$1,831.60
653-6006	Thermoplastic Traffic Striping, Yellow	SY	245	10.2	\$2,499.00	8.22	\$2,013.90	5.2	\$1,274.00	4.96	\$1,215.20
653-0095	Thermoplastic PVMT Marking, Handicap Symbol	EA	2	487.6	\$975.20	236.39	\$472.78	417	\$834.00	397.03	\$794.06
653-0105	Preformed Thermoplastic, Skid Resistant Bike Lane Symbol	EA	4	640.55	\$2,562.20	443.23	\$1,772.92	627	\$2,508.00	597.11	\$2,388.44
653-0110	Thermoplastic PVMT Marking, Arrow, TYPE 1	EA	5	97.75	\$488.75	159.56	\$797.80	99.4	\$497.00	94.66	\$473.30

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653-0120	Thermoplastic PVMT Marking, Arrow, TYPE 2	EA	90	105.8	\$9,522.00	159.56	\$14,360.40	128.5	\$11,565.00	122.4	\$11,016.00
653-0130	Thermoplastic PVMT Marking, Arrow, TYPE 3	EA	2	147.2	\$294.40	159.56	\$319.12	183.4	\$366.80	174.65	\$349.30
653-0210	Thermoplastic PVMT Marking, Word, Type 1 ("ONLY")	EA	20	195.5	\$3,910.00	236.39	\$4,727.80	212.55	\$4,251.00	202.42	\$4,048.40
653-0230	Thermoplastic PVMT Marking, Word, Type 3A ("SCHOOL")	EA	2	296.7	\$593.40	236.39	\$472.78	409.5	\$819.00	390	\$780.00
653-0260	Thermoplastic PVMT Marking, Word, Type 6 ("BUSES ONLY")	EA	1	546.25	\$546.25	236.39	\$236.39	798.15	\$798.15	760.1	\$760.10
	Thermoplastic PVMT Marking, Word, ("EAST/WEST")	EA	3	243.8	\$731.40	236.39	\$709.17	566.6	\$1,699.80	539.62	\$1,618.86
653-0330	Thermoplastic PVMT Marking, Symbol, Type 5, ("I-285 ONLY")	EA	3	2731.25	\$8,193.75	236.39	\$709.17	2782	\$8,346.00	2648.75	\$7,946.25
	Reconstruct Speed Tables	EA	2	5000	\$10,000.00	3782.19	\$7,564.38	6825	\$13,650.00	4480	\$8,960.00
001-3000	Private Utility Location, per street	EA	2	2500	\$5,000.00	886.45	\$1,772.90	1575	\$3,150.00	750	\$1,500.00
TOTAL BID					\$3,958,390.20		\$3,799,929.78		\$4,773,508.05		\$3,910,097.53