Collin County

Tax Rate Impact Analysis - Potential 5 Year Capacity Scenarios - As of November 17, 2016

A	B	C	D	E	F	G	H	I	J	K	L
					$561,180,000 Potential Future Capacity (2018-2022)						
					Series 2018	**Series 2019**	**Series 2020**	**Series 2021**	**Series 2022**		
	Freeze Adj Net	Current	Less:	**Existing Debt**	**6/1/2018 / 5.25%**	**6/1/2019 / 5.50%**	**6/1/2020 / 5.50%**	**6/1/2021 / 5.50%**	**6/1/2022 / 5.50%**	Projected	**Projected**
	Taxable Assessed	Outstanding	2009 Bonds	**Projected**	**$276,370,000**	**$110,420,000**	**$59,310,000**	**$53,485,000**	**$61,595,000**	Total Net	**I&S**
FYE	Valuation[1]	Debt Service[2]	BAB Subsidy	**Tax Rate[3]**	**Total D/S**	**Total D/S**	**Total D/S**	**Total D/S**	**Total D/S**	Debt Service[4]	**Tax Rate[3]**
2016	95,894,908,093	52,202,108	(313,699)	**0.05520**						51,888,409	**0.05520**
2017	107,602,446,531	59,344,882	(313,699)	**0.05520**						59,031,183	**0.05520**
2018	118,362,691,184	64,048,931	(297,720)	**0.05386**						63,751,211	**0.05386**
2019	123,097,198,831	45,660,286	(265,278)	**0.03688**	$ 22,550,549					67,945,557	**0.05520**
2020	128,021,086,785	39,160,426	(248,816)	**0.03039**	22,552,513	$ 9,203,247				70,667,369	**0.05520**
2021	133,141,930,256	37,046,373	(248,816)	**0.02764**	22,552,088	9,200,238	$ 4,943,983			73,493,865	**0.05520**
2022	138,467,607,466	35,529,864	(248,816)	**0.02548**	22,551,856	9,202,138	4,940,763	$ 4,455,640		76,431,444	**0.05520**
2023	144,006,311,765	33,449,647	(248,816)	**0.02306**	22,550,506	9,203,313	4,944,700	4,455,975	$ 5,134,391	79,489,715	**0.05520**
2024	149,766,564,236	33,476,354	(248,816)	**0.02219**	22,551,594	9,203,213	4,942,863	4,459,813	5,132,313	79,517,332	**0.05309**
2025	155,757,226,805	29,340,220	(248,816)	**0.01868**	22,553,544	9,201,288	4,944,975	4,458,425	5,132,400	75,382,035	**0.04840**
2026	161,987,515,877	25,833,029	(219,626)	**0.01581**	22,549,913	9,201,850	4,940,763	4,456,675	5,131,575	71,894,178	**0.04438**
2027	168,467,016,512	22,172,819	(159,953)	**0.01307**	22,553,994	9,204,075	4,944,813	4,459,150	5,134,425	68,309,322	**0.04055**
2028	175,205,697,173	18,469,238	(97,749)	**0.01049**	22,553,950	9,202,275	4,941,713	4,455,575	5,135,538	64,660,538	**0.03691**
2029	182,213,925,060	15,168,404	(33,014)	**0.00831**	22,553,075	9,200,763	4,941,188	4,455,675	5,134,638	61,420,727	**0.03371**
2030	189,502,482,062	12,020,794		**0.00634**	22,554,400	9,203,575	4,942,688	4,458,900	5,131,450	58,311,806	**0.03077**
2031	197,082,581,345	12,037,663		**0.00611**	22,550,956	9,199,888	4,940,800	4,454,975	5,135,425	58,319,706	**0.02959**
2032	204,965,884,598	9,702,200		**0.00473**	22,550,644	9,203,738	4,940,113	4,458,488	5,131,150	55,986,331	**0.02731**
2033	213,164,519,982	6,998,209		**0.00328**	22,551,100	9,204,025	4,940,075	4,458,888	5,133,213	53,285,509	**0.02500**
2034	221,691,100,782	4,939,731		**0.00223**	22,549,963	9,199,925	4,945,000	4,455,900	5,131,063	51,221,581	**0.02310**
2035	230,558,744,813	2,910,359		**0.00126**	22,549,738	9,200,338	4,944,338	4,458,975	5,134,150	49,197,897	**0.02134**
2036	239,781,094,605	147,175			22,552,669	9,203,888	4,942,675	4,457,563	5,131,925	46,435,894	**0.01937**
2037	249,372,338,390	-			22,551,000	9,204,338	4,944,325	4,456,250	5,133,838	46,289,750	**0.01856**
2038	259,347,231,925	-			22,551,844	9,200,588	4,943,600	4,459,350	5,134,200	46,289,581	**0.01785**
2039	269,721,121,202					9,201,263	4,944,813	4,456,313	5,132,463	23,734,850	**0.00880**
2040	280,509,966,050						4,942,275	4,456,588	5,132,938	14,531,800	**0.00518**
2041	291,730,364,692							4,459,350	5,134,800	9,594,150	**0.00329**
2042	303,399,579,280								5,132,363	5,132,363	**0.00169**
Totals:		$ 559,658,709	$ (3,193,633)		$ 451,035,893	$ 184,043,959	$ 98,856,458	$ 89,148,465	$ 102,664,253	$ 1,482,214,105	

(1) FYE 2016 and FYE 2017 are Freeze Adjusted Net Taxable Values provided by County. Assumes growth rate of 10% in FYE 2018 and 4% thereafter, per County estimates.
(2) "Current Outstanding Debt Service" includes both Unlimited and Limited Tax Debt.
(3) Assumes 100% collection rate; FY 2016 tax rate is actual.
(4) Net of 2009 Bonds' annual BAB subsidy.

Collin County

Tax Rate Impact Analysis - Potential 5 Year Capacity Scenarios - As of November 17, 2016

A	B	C	D	E	F	G	H	I	J	K	L
					$593,240,000 Potential Future Capacity (2019-2023)						
FYE	Freeze Adj Net Taxable Assessed Valuation(1)	Current Outstanding Debt Service(2)	Less: 2009 Bonds BAB Subsidy	**Existing Debt Projected Tax Rate(3)**	**Series 2019 6/1/2019 / 5.50% $381,065,000 Total D/S**	**Series 2020 6/1/2020 / 5.50% $59,265,000 Total D/S**	**Series 2021 6/1/2021 / 5.50% $53,485,000 Total D/S**	**Series 2022 6/1/2022 / 5.50% $61,710,000 Total D/S**	**Series 2023 6/1/2023 / 5.50% $37,715,000 Total D/S**	Projected Total Net Debt Service(4)	**Projected I&S Tax Rate(3)**
2016	95,894,908,093	52,202,108	(313,699)	**0.05520**						51,888,409	**0.05520**
2017	107,602,446,531	59,344,882	(313,699)	**0.05520**						59,031,183	**0.05520**
2018	118,362,691,184	64,048,931	(297,720)	**0.05386**						63,751,211	**0.05386**
2019	123,097,198,831	45,660,286	(265,278)	**0.03688**						45,395,008	**0.03688**
2020	128,021,086,785	39,160,426	(248,816)	**0.03039**	31,758,164					70,669,774	**0.05520**
2021	133,141,930,256	37,046,373	(248,816)	**0.02764**	31,755,750	4,940,999				73,494,306	**0.05520**
2022	138,467,607,466	35,529,864	(248,816)	**0.02548**	31,756,475	4,938,288	4,455,640			76,431,451	**0.05520**
2023	144,006,311,765	33,449,647	(248,816)	**0.02306**	31,755,488	4,937,363	4,455,975	5,142,016		79,491,672	**0.05520**
2024	149,766,564,236	33,476,354	(248,816)	**0.02219**	31,755,725	4,940,663	4,459,813	5,143,500	3,142,564	82,669,802	**0.05520**
2025	155,757,226,805	29,340,220	(248,816)	**0.01868**	31,759,850	4,937,913	4,458,425	5,143,313	3,141,813	78,532,716	**0.05042**
2026	161,987,515,877	25,833,029	(219,626)	**0.01581**	31,755,663	4,938,838	4,456,675	5,142,213	3,142,600	75,049,390	**0.04633**
2027	168,467,016,512	22,172,819	(159,953)	**0.01307**	31,755,825	4,938,025	4,459,150	5,144,788	3,144,675	71,455,328	**0.04242**
2028	175,205,697,173	18,469,238	(97,749)	**0.01049**	31,757,588	4,940,063	4,455,575	5,140,763	3,142,900	67,808,376	**0.03870**
2029	182,213,925,060	15,168,404	(33,014)	**0.00831**	31,758,200	4,939,538	4,455,675	5,144,725	3,142,138	64,575,665	**0.03544**
2030	189,502,482,062	12,020,794		**0.00634**	31,759,775	4,941,038	4,458,900	5,141,263	3,142,113	61,463,881	**0.03243**
2031	197,082,581,345	12,037,663		**0.00611**	31,759,288	4,939,150	4,454,975	5,144,963	3,142,550	61,478,588	**0.03119**
2032	204,965,884,598	9,702,200		**0.00473**	31,758,575	4,938,463	4,458,488	5,140,413	3,143,175	59,141,313	**0.02885**
2033	213,164,519,982	6,998,209		**0.00328**	31,759,200	4,938,425	4,458,888	5,142,200	3,143,713	56,440,634	**0.02648**
2034	221,691,100,782	4,939,731		**0.00223**	31,757,588	4,938,488	4,455,900	5,144,638	3,143,888	54,380,231	**0.02453**
2035	230,558,744,813	2,910,359		**0.00126**	31,759,888	4,938,100	4,458,975	5,142,313	3,143,425	52,353,059	**0.02271**
2036	239,781,094,605	147,175			31,757,113	4,941,575	4,457,563	5,144,675	3,142,050	49,590,150	**0.02068**
2037	249,372,338,390	-			31,755,138	4,938,363	4,456,250	5,141,175	3,144,350	49,435,275	**0.01982**
2038	259,347,231,925	-			31,759,288	4,937,913	4,459,350	5,141,263	3,144,913	49,442,725	**0.01906**
2039	269,721,121,202				31,754,888	4,939,400	4,456,313	5,144,113	3,143,463	49,438,175	**0.01833**
2040	280,509,966,050					4,937,138	4,456,588	5,144,038	3,144,588	17,682,350	**0.00630**
2041	291,730,364,692						4,459,350	5,140,488	3,142,875	12,742,713	**0.00437**
2042	303,399,579,280							5,142,638	3,142,913	8,285,550	**0.00273**
2043	315,535,562,451								3,144,150	3,144,150	0.00100
2044	328,156,984,949									-	-
Totals:		$ 559,658,709	$ (3,193,633)		$ 635,149,464	$ 98,779,736	$ 89,148,465	$ 102,855,491	$ 62,864,852	$ 1,545,263,084	

(1) FYE 2016 and FYE 2017 are Freeze Adjusted Net Taxable Values provided by County. Assumes growth rate of 10% in FYE 2018 and 4% thereafter, per County estimates.
(2) "Current Outstanding Debt Service" includes both Unlimited and Limited Tax Debt.
(3) Assumes 100% collection rate; FY 2016 tax rate is actual.
(4) Net of 2009 Bonds' annual BAB subsidy.

Collin County

Tax Rate Impact Analysis - Potential 5 Year Capacity Scenarios - As of November 17, 2016

A	B	C	D	E	F	G	H	I	J	K	L
					$682,550,000 Potential Future Capacity (2020-2024)						
FYE	Freeze Adj Net Taxable Assessed Valuation[1]	Current Outstanding Debt Service[2]	Less: 2009 Bonds BAB Subsidy	**Existing Debt Projected Tax Rate[3]**	**Series 2020 6/1/2020 / 5.50% $440,345,000 Total D/S**	**Series 2021 6/1/2021 / 5.50% $53,485,000 Total D/S**	**Series 2022 6/1/2022 / 5.50% $61,585,000 Total D/S**	**Series 2023 6/1/2023 / 5.50% $37,825,000 Total D/S**	**Series 2024 6/1/2024 / 5.50% $89,310,000 Total D/S**	Projected Total Net Debt Service[4]	**Projected I&S Tax Rate[3]**
2016	95,894,908,093	52,202,108	(313,699)	**0.05520**						51,888,409	**0.05520**
2017	107,602,446,531	59,344,882	(313,699)	**0.05520**						59,031,183	**0.05520**
2018	118,362,691,184	64,048,931	(297,720)	**0.05386**						63,751,211	**0.05386**
2019	123,097,198,831	45,660,286	(265,278)	**0.03688**						45,395,008	**0.03688**
2020	128,021,086,785	39,160,426	(248,816)	**0.03039**						38,911,610	**0.03039**
2021	133,141,930,256	37,046,373	(248,816)	**0.02764**	36,695,295					73,492,852	**0.05520**
2022	138,467,607,466	35,529,864	(248,816)	**0.02548**	36,695,138	4,455,640				76,431,826	**0.05520**
2023	144,006,311,765	33,449,647	(248,816)	**0.02306**	36,699,800	4,455,975	5,133,728			79,490,334	**0.05520**
2024	149,766,564,236	33,476,354	(248,816)	**0.02219**	36,696,975	4,459,813	5,131,763	3,154,720		82,670,808	**0.05520**
2025	155,757,226,805	29,340,220	(248,816)	**0.01868**	36,699,325	4,458,425	5,131,850	3,152,450	7,443,712	85,977,165	**0.05520**
2026	161,987,515,877	25,833,029	(219,626)	**0.01581**	36,699,238	4,456,675	5,131,025	3,152,963	7,442,000	82,495,303	**0.05093**
2027	168,467,016,512	22,172,819	(159,953)	**0.01307**	36,699,100	4,459,150	5,133,875	3,149,900	7,439,925	78,894,816	**0.04683**
2028	175,205,697,173	18,469,238	(97,749)	**0.01049**	36,696,163	4,455,575	5,130,125	3,152,988	7,444,188	75,250,526	**0.04295**
2029	182,213,925,060	15,168,404	(33,014)	**0.00831**	36,697,400	4,455,675	5,134,363	3,151,950	7,444,238	72,019,015	**0.03952**
2030	189,502,482,062	12,020,794		**0.00634**	36,699,513	4,458,900	5,131,175	3,151,650	7,444,663	68,906,694	**0.03636**
2031	197,082,581,345	12,037,663		**0.00611**	36,699,200	4,454,975	5,130,288	3,151,813	7,444,913	68,918,850	**0.03497**
2032	204,965,884,598	9,702,200		**0.00473**	36,698,025	4,458,488	5,131,150	3,152,163	7,444,438	66,586,463	**0.03249**
2033	213,164,519,982	6,998,209		**0.00328**	36,697,275	4,458,888	5,133,213	3,152,425	7,442,688	63,882,697	**0.02997**
2034	221,691,100,782	4,939,731		**0.00223**	36,697,963	4,455,900	5,131,063	3,152,325	7,443,975	61,820,956	**0.02789**
2035	230,558,744,813	2,910,359		**0.00126**	36,695,963	4,458,975	5,134,150	3,151,588	7,442,613	59,793,647	**0.02593**
2036	239,781,094,605	147,175			36,696,875	4,457,563	5,131,925	3,149,938	7,442,913	57,026,388	**0.02378**
2037	249,372,338,390	-			36,696,025	4,456,250	5,133,838	3,151,963	7,444,050	56,882,125	**0.02281**
2038	259,347,231,925	-			36,698,463	4,459,350	5,134,200	3,152,250	7,440,338	56,884,600	**0.02193**
2039	269,721,121,202				36,698,963	4,456,313	5,132,463	3,150,525	7,440,950	56,879,213	**0.02109**
2040	280,509,966,050				36,697,163	4,456,588	5,132,938	3,151,375	7,439,925	56,877,988	**0.02028**
2041	291,730,364,692					4,459,350	5,134,800	3,154,250	7,441,300	20,189,700	**0.00692**
2042	303,399,579,280						5,132,363	3,153,738	7,443,975	15,730,075	**0.00518**
2043	315,535,562,451							3,154,425	7,441,988	10,596,413	0.00336
2044	328,156,984,949								7,444,238	7,444,238	0.00227
Totals:		$ 559,658,709	$ (3,193,633)		$ 733,953,857	$ 89,148,465	$ 102,650,290	$ 63,045,395	$ 148,857,024	$ 1,694,120,109	

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