



**Denton County  
2008 Transportation  
Road Improvement  
Program**

# 2008 Bond Program



**Citizen's Transportation Committee met over several months to review and vet proposed bond projects**



**Process incorporated input from staff and elected officials from all Cities and Towns within Denton County**



**Bond program authorization amount was project driven**



**Project types: Regionally Significant/Multi-Jurisdictional, Safety Projects, Congestion Relief, Economic Development**



**Focus on projects with partnership potential**



**Funding by precinct is equitable**

# Results



We have a Bond Program that meets the current and future needs of our County



The Bond Program maximizes the leveraging of County funds by utilizing partnership relationship between Local governments and Federal and State agencies



Leverage

... means doing more with less



County Judge

# County Judge Projects

- US-377
- FM-407
- Loop 288 NW
- FM-720 North Widening
- FM-544
- FM-156
- Various

Description	DenCo	TxDOT	COG/RTR	Other
Participation	\$49,421,162	\$0	\$195404,632	\$0



Precinct 1

# Precinct 1 Projects

- Dallas North Tollway Ext
- Mayhill Road Widening
- Kealy Ave Reconstruction
- College St Reconstruction
- FM-455 Widening
- King Road
- Witt Rd./Woodlake Pkwy  
Realignment
- Witt Road Bridge
- US-380 Corridor Study
- Lobo Lane
- Eldorado Parkway Aesthetics
- Main Street Reconstruction
- Lakeview Drive  
Improvements
- Church Street
- Stonebrook Parkway
- Fishtrap Road Widening (FM  
1385 to Fields)
- FM-423/Gee Road Widening
- FM-1385 Widening
- Hames Road

Description	DenCo	TxDOT	COG/RTR	Other
Participation	\$53,705,528	\$0	\$50,384,453	\$20,647,057



Precinct 2

# Precinct 2 Projects

- Midway Road Reconstruction
- Holford's Prairie Rd
- Corporate Drive
- Marsh Lane
- Plano Parkway
- North Colony Blvd Widening
- Plano Parkway
- Memorial Drive
- Memorial Drive Traffic Study
- Freeman/Archer Loop
- Carr/West Highlands Collector

Frankford Road  
 Plano Parkway Widening  
 Discretionary - Precinct 1  
 FM 1171 Northlake  
 Vintage Blvd - Phase I  
 Vintage Blvd - Phase II

Description	DenCo	TxDOT	COG/RTR	Other
Participation	\$41,311,950	\$0	\$41,210,419	\$7,385,65



Precinct 3

# Precinct 3 Projects

IH-35E Corridor Structural Modifications

Corporate Drive

Duncan Lane - East Widening

Purnell Street West

Garden Ridge

Kirkpatrick Road Extension

Morriss/Gerault Widening

Highland Village Road Bridge

County Roads - Precinct 3

Precinct 3 Discretionary

Chinn Chapel Road

Description	DenCo	TxDOT	COG/RTR	Other
Participation	\$37,148,534	\$0	\$11,668,276	\$15,238,535



Precinct 4

# Precinct 4 Projects

- IH 35W
- Mayhill Road Widening
- Bonnie Brae Widening
- Orchid Hill Lane
- FM-407
- Tim Donald Road
- Gibbons Road
- Porter Road/Red Rock Lane
- Glenview Lane
- FM-407 Extension
- Dale Earnhardt South
- US-377 at Northwest Pky  
Trophy Club Loop Road
- IH 35W and Denton Crk I/C  
Denton Creek District Spine  
Road Bridge
- George Owens
- Robson Ranch Road  
Extension
- Walnut Street
- Schooling Road  
Improvements
- Old Justin Rd  
Reconstruction
- Country Club Road South
- Country Club Road North
- County Roads: Gravel to  
Asphalt
- County Road & Bridge -  
Precinct 4

# Precinct 4 Projects - Continued

- Emergency Service Road South
- Emergency Service Road North
- FM 1173 at Thoroughbred Dr Deceleration & Turn Lanes
- East Doyle and Eddie Street Improvements
- Simmons Road Widening and Improvements
- Waketon Road Widening and Improvements
- SH-114 ROW
- Discretionary - Precinct 4

Description	DenCo	TxDOT	COG/RTR	Other
Participation	\$53,203,328	\$47,700,000	\$91,487,804	\$18,495,895



Capital Improvement Projects  
County Roads

# Capital Improvement Projects

## Various County Roads Throughout Denton County

<b>Length:</b>	Various locations throughout Denton County
<b>Precinct:</b>	1 & 4
<b>City/Town:</b>	N/A
<b>Cost:</b>	\$74,951,188
<b>Description:</b>	Roadway improvements throughout Denton County, primarily in unincorporated portion of the County.

Description	DenCo
Participation	\$74, 951,188

**Denton County, Texas**

**Summary of CIP Road Projects for Proposed Bond Election (Projects Requested for FY2009 - FY2015)**

Description	Short-Term		Long-Term				
	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015
<b><i>Roads / Bridges / ROW - Precinct #1</i></b>							
1- Pct #1 – Fishtrap Road Reconstruction (West)	\$316,050	\$1,810,856					
2-Pct #1 – Drought Damage Recovery Project	\$457,952						
3-Pct #1 – Clear Creek Watershed – Dams	\$1,500,000	\$866,250	\$909,563	\$955,041	\$1,002,793		
4-Pct #1 – Gravel to Asphalt Initiative - (10 Year Phase-In)	\$844,344	\$886,561	\$930,889	\$977,434	\$1,026,305	\$1,077,620	
5-Pct #1 – Hartlee Field Road Reconstruction		\$297,675	\$2,045,234				
6-Pct #1 – Berend Road Culvert		\$174,195					
7-Pct #1 – Smiley Road Bridge		\$116,865	\$524,405				
8-Pct #1 - Wildcat Road Reconstruction		\$364,928	\$2,098,485				
9-Pct #1 – County Line Road Bridge (North Legacy)			\$136,600	\$623,555			
10-Pct #1 - Pruet Road from FM455 to FM1173			\$312,559	\$2,145,520			
11-Pct #1 – Fishtrap Road Reconstruction (East)	\$880,950	\$5,469,778					
12-Pct #1 – Friendship Field Road Reconstruction	\$232,050	\$1,590,218					
13-Pct #1 – Shahan Prairie Road Reconstruction	\$240,450	\$1,647,548					
14-Pct #1 – Naylor Road Reconstruction			\$259,308	\$1,773,500			
<b>SUB-TOTAL - PRECINCT #1 PROJECTS</b>	<b>\$4,471,796</b>	<b>\$13,224,874</b>	<b>\$7,217,043</b>	<b>\$6,475,050</b>	<b>\$2,029,098</b>	<b>\$1,077,620</b>	
<b><i>Roads / Bridges / ROW - Precinct #4</i></b>							
15-Pct #4 – Old Stoney Road Bridge	\$321,900						
16-Pct #4 – George Owens Road Bridge	\$341,100						
17-Pct #4 – County Club Road	\$500,600	\$1,501,500					
18-Pct #4 – Swafford Road	\$11,000	\$163,000					
19-Pct #4 – Wakefield Road	\$16,000	\$290,000					
20-Pct #4 – Jackson Road and Radeke Road South	\$11,000	\$116,000					
21-Pct #4 – Jackson Road Bridge	\$5,000	\$200,500	\$987,000				
22-Pct #4 – Sam Reynolds Road	\$33,600	\$1,213,000	\$6,930,000				
23-Pct #4 – South County Line Road	\$22,000	\$756,000	\$4,132,000				
24-Pct #4 – Hilltop Road	\$55,000	\$1,055,000	\$5,350,000				
25-Pct #4 – A.A. Bumgarner Road		\$23,000	\$425,000	\$3,300,000			
26-Pct #4 – Robson Ranch Rd-4 lane concrete vs 2	\$4,898,250						
27-Pct #4 – Gravel to Asphalt Initiative	\$1,200,000	\$1,260,000	\$1,323,000	\$1,389,150	\$1,458,608		
28-Pct #4 – Radecke Road South	\$645,750						
29-Pct #4 - Old Alton (low water)	\$123,750						
30-Pct #4 - South County Line-failed insp. Not on BRINSAP	\$168,000						
31-Pct #4 - Hilltop @ Fincher Bridge	\$230,000						
<b>TOTAL COUNTY ROAD PROJECTS</b>	<b>\$8,582,950</b>	<b>\$6,578,000</b>	<b>\$19,147,000</b>	<b>\$4,689,150</b>	<b>\$1,458,608</b>	<b>\$0</b>	<b>\$0</b>



Capital Improvement Projects  
Technology/Building Projects

# Technology Improvements

## Description:

These projects include

1. Fiber Optic Construction
2. Juvenile Case Management System
3. Administrative Complex Network

<b>Description</b>	<b>DenCo</b>
<b>Participation</b>	<b>\$9,163,052</b>

# Building Projects

These projects include:

1. Loop 288 Phase II and Phase III Design and Construction
2. Law Enforcement Facility – Jail Expansion
3. New Lewisville Government Center
4. Charlie Cole Building-Juvenile Probation Multipurpose Facility
5. Charlie Cole Building – Juvenile Detention Expansion
6. Lee Walker Government Center Renovation
7. Law Enforcement Facility – Roof Replacement
8. New Sheriff's Office Operations Center & Crime Lab
9. Sandy Jacobs Government Center Expansion

Description	DenCo
Participation	<b>\$175,345,678</b>

**Denton County, Texas**  
**Summary of CIP Building Projects for Proposed Bond Election (Projects Requested for FY2009 - FY2012)**

***Summary of Program Costs***

Description	FY 2009	FY 2010	FY 2011	FY 2012	TOTAL
<b><i>Technology</i></b>					
Fiber Optic Construction				\$5,556,338	\$5,556,338
Juvenile Case Management System		\$1,620,000			\$1,620,000
Administrative Complex Network	\$133,199	\$1,675,918	\$177,597		\$1,986,714
<b>SUB-TOTAL TECHNOLOGY</b>	<b>\$133,199</b>	<b>\$3,295,918</b>	<b>\$177,597</b>	<b>\$5,556,338</b>	<b>\$9,163,052</b>
<b><i>Buildings / Land</i></b>					
Loop 288 - Phase II	\$39,994,327				\$39,994,327
Loop 288 - Phase III			\$2,596,791	\$31,594,297	\$34,191,088
Law Enforcement Facility- Jail Expansion	\$2,007,970	\$11,356,565	\$11,356,565		\$24,721,100
New Lewisville Government Center	\$762,110	\$8,528,469			\$9,290,579
Charlie Cole Building- Juvenile Probation Multipurpose Facility	\$1,120,161	\$11,614,749			\$12,734,910
Charlie Cole Bldg- Juvenile Detention Expansion		\$605,658	\$6,565,455		\$7,171,112
Lee Walker Government Center- Renovations		\$494,550	\$5,813,096		\$6,307,646
Law Enforcement Facility- Roof Replacement	\$2,945,486				\$2,945,486
New Sheriff's Office Operations Center & Crime Lab				\$30,574,030	\$30,574,030
Sandy Jacobs Government Center Expansion				\$7,415,400	\$7,415,400
<b>SUB-TOTAL BUILDINGS/LAND</b>	<b>\$46,830,054</b>	<b>\$32,599,991</b>	<b>\$26,331,907</b>	<b>\$69,583,727</b>	<b>\$175,345,678</b>
<b>GRAND TOTAL - BOND ELECTION PROJECTS</b>	<b>\$46,963,253</b>	<b>\$35,895,909</b>	<b>\$26,509,504</b>	<b>\$75,140,065</b>	<b>\$184,508,730</b>

***Proposed Bond Election Total for Buildings and Technology***

***\$185,000,000***

# Projected Future Debt Service and I&S Tax Rates

DENTON COUNTY, TEXAS

Projected Future Debt Service and I&S Tax Rates

\$495,000,000 Authorization with \$78,000,000 of Previous Authorizations

August 8, 2008

Fiscal Year Ending	Existing Debt	2009	2010	2011	2012	2013	2014	2015	2016	2017	Combined Totals	Tax Rate Computation		
												Net Taxable Value	Growth	I&S Tax Rate
9/30/2008	\$ 26,031,936	\$ 96,000,000	\$ 75,000,000	\$ 102,000,000	\$ 50,000,000	\$ 50,000,000	\$ 50,000,000	\$ 50,000,000	\$ 50,000,000	\$ 50,000,000	\$ 26,031,936	\$ 47,635,357,659	9.89%	\$ 0.0548
9/30/2009	28,888,256										28,888,256	52,624,000,000	9.48%	0.0549
9/30/2010	28,988,556	\$ 4,800,000									33,788,556	56,833,920,000	8.00%	0.0595
9/30/2011	26,932,779	6,350,000	\$ 3,750,000								37,032,779	60,812,294,400	7.00%	0.0609
9/30/2012	25,974,943	6,352,500	5,080,000	\$ 5,100,000							42,507,443	64,461,032,064	6.00%	0.0659
9/30/2013	22,847,705	6,351,000	5,078,500	6,745,000	\$ 3,135,000						44,157,205	67,684,053,667	5.00%	0.0652
9/30/2014	22,903,710	6,350,500	5,078,750	6,747,750	3,133,250	\$ 2,500,000					46,713,960	70,729,867,432	4.50%	0.0680
9/30/2015	22,554,428	6,350,750	5,080,500	6,751,250	3,130,000	3,150,000	\$ 2,500,000				49,516,928	73,912,711,467	4.50%	0.0670
9/30/2016	21,462,783	6,351,500	5,083,500	6,750,250	3,130,250	3,147,500	2,910,000	\$ 2,500,000			51,335,783	77,238,783,483	4.50%	0.0665
9/30/2017	17,700,125	7,102,500	5,347,500	7,399,750	3,133,750	3,148,500	2,909,500	3,325,000	\$ 2,500,000		52,566,625	80,714,528,739	4.50%	0.0651
9/30/2018	17,848,838	7,101,000	5,349,250	7,402,000	3,130,250	3,147,750	3,508,000	3,328,750	3,070,000	\$ 2,500,000	56,385,838	84,346,662,533	4.50%	0.0669
9/30/2019	18,096,738	7,102,500	5,351,000	7,397,500	3,130,000	3,150,250	3,505,500	3,325,250	3,501,500	3,565,000	58,125,238	88,142,283,247	4.50%	0.0659
9/30/2020	18,361,200	7,101,500	5,352,500	7,401,250	3,132,750	3,150,750	3,505,500	3,324,750	3,500,000	3,566,750	58,396,950	92,108,665,993	4.50%	0.0634
9/30/2021	18,243,794	7,397,750	5,698,500	7,697,500	3,898,250	3,899,250	3,507,750	3,327,000	3,501,000	3,595,750	58,766,544	96,253,576,662	4.50%	0.0611
9/30/2022	16,494,819	7,401,000	5,701,500	7,701,250	3,898,250	3,898,250	3,507,000	3,326,750	3,499,250	3,600,500	59,028,569	100,584,967,621	4.50%	0.0587
9/30/2023	16,779,150	7,399,750	5,702,500	7,701,000	3,899,000	3,898,250	3,503,250	3,329,000	3,499,750	3,597,000	59,308,650	105,111,312,273	4.50%	0.0564
9/30/2024	17,058,375	7,398,750	5,701,250	7,701,500	3,900,250	3,899,000	3,506,500	3,328,500	3,502,250	3,600,500	59,596,875	109,841,321,325	4.50%	0.0543
9/30/2025	17,364,381	7,402,500	5,697,500	7,702,250	3,901,750	3,900,250	3,506,250	3,325,250	3,501,500	3,600,500	59,902,131	114,784,180,785	4.50%	0.0522
9/30/2026	17,663,188	7,400,250	5,701,000	7,697,750	3,898,250	3,901,750	3,507,500	3,329,250	3,502,500	3,597,000	60,198,438	119,949,468,920	4.50%	0.0502
9/30/2027	11,704,444	7,401,750	5,701,000	7,697,750	3,899,750	3,898,250	4,000,000	4,000,000	4,000,000	4,000,000	56,302,944	125,347,195,022	4.50%	0.0449
9/30/2028	11,721,394	7,401,250	5,702,250	7,701,500	3,900,750	3,899,750	4,004,000	3,999,000	3,999,000	3,999,000	56,327,894	130,967,818,798	4.50%	0.0430
9/30/2029	10,459,344	7,398,250	5,699,250	7,698,250	3,901,000	3,900,750	4,002,500	3,998,000	3,998,000	3,998,000	55,053,344	136,882,270,644	4.50%	0.0402
9/30/2030	10,487,094	7,402,250	5,701,750	7,697,750	3,900,250	3,901,000	4,005,500	4,001,750	4,001,750	4,001,750	55,100,844	143,041,972,623	4.50%	0.0386
9/30/2031	6,999,656	7,402,250	5,699,000	7,699,250	3,898,250	3,900,250	4,002,500	3,999,750	3,999,750	3,999,750	51,600,406	149,478,861,600	4.50%	0.0346
9/30/2032	7,003,563	7,402,750	5,700,750	7,702,000	3,899,750	3,898,250	4,003,500	4,002,000	4,002,000	4,002,000	51,616,563	156,205,410,372	4.50%	0.0330
9/30/2033		7,399,000	5,701,250	7,700,250	3,899,250	3,899,750	4,003,000	4,003,000	4,003,000	4,003,000	44,610,500	163,234,653,838	4.50%	0.0273
9/30/2034		7,402,500	5,700,000	7,698,500	3,901,500	3,899,250	4,000,750	4,002,500	4,002,500	4,002,500	44,610,500	170,580,213,261	4.50%	0.0262
9/30/2035			5,701,500	7,701,000	3,901,000	3,901,500	4,001,500	4,000,250	4,000,250	4,000,250	37,207,250	178,256,322,658	4.50%	0.0209
9/30/2036				7,701,750	3,897,500	3,901,000	4,004,750	4,001,000	4,001,000	4,001,000	31,508,000	186,277,857,387	4.50%	0.0169
9/30/2037					3,900,750	3,897,500	4,005,000	3,999,250	3,999,250	3,999,250	23,801,000	194,660,360,999	4.50%	0.0122
9/30/2038						3,900,750	4,002,000	3,999,750	3,999,750	3,999,750	19,902,000	203,420,077,213	4.50%	0.0098
9/30/2039							4,000,500	4,002,000	4,002,000	4,002,000	16,006,500	212,573,980,667	4.50%	0.0075
9/30/2040								4,000,500	4,000,500	4,000,500	12,001,500	222,139,809,818	4.50%	0.0054
9/30/2041									-	-	-	232,136,101,260	4.50%	-
9/30/2042											-	242,582,225,817	4.50%	-
	\$ 458,571,196	\$ 174,922,750	\$ 136,060,500	\$ 184,894,000	\$ 91,350,750	\$ 91,589,500	\$ 91,912,250	\$ 91,778,250	\$ 89,586,500	\$ 87,231,750	\$ 1,497,897,446			

Notes: This analysis includes \$78 million of authorized but unissued bonds from previous elections. Bonds sold in June 2009 include \$83 million for buildings and Bonds sold in June 2011 include \$102 million for buildings. All Bonds are assumed to be issued in July. All Bonds are due on July 15 with interest payable on January 15 and July 15. Interest is calculated at 5.00%. The average interest rate on all of the County's other outstanding debt is approximately 4.60%.

