


**CITY OF TULSA**  
**PROPOSED 2005 GO BOND PROGRAM**  
**FUNDING SUMMARY**

Line No.	BOND TITLE/PROGRAM ELEMENTS	'99 Bonds Actual (x000's)	2005 Funding Level (x000's)	Percent of Total Program
1	Transportation/Streets	\$ 79,730	\$ 154,427	64.7%
2	Sanitary Sewer	\$ 24,275	\$ 32,798	13.7%
3	Flood Control	\$ 8,020	\$ 32,367	13.6%
4	Police		\$ 5,108	2.1%
5	Fire		\$ 8,512	3.6%
6	Public Facilities Maintenance		\$ 5,358	2.2%
7	<b>TOTAL</b>	<b>\$ 112,025</b>	<b>\$ 238,570</b>	

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Line No			Proposed G.O. Bond Allocation (x000's)	Project Cost Allocation (x000's)	
	Transportation Projects				
1	Non-Arterial Streets Rehabilitation		\$ 65,000		
2	Arterial Streets Rehabilitation		\$ 56,000		
3	Arterial Widening		\$ 6,000		
4		51ST STREET SOUTH - GARNETT ROAD TO BROKEN ARROW EXPRESSWAY	X	\$ 300	
5		61ST STREET SOUTH - PEORIA AVENUE INTERSECTION		\$ 3,000	
6		81ST STREET SOUTH - MEMORIAL DRIVE TO MINGO ROAD; 81ST STREET SOUTH - SHERIDAN ROAD TO MEMORIAL DRIVE		\$ 800	
7		91ST STREET SOUTH - MEMORIAL DRIVE TO MINGO ROAD		\$ 500	
8		91ST STREET SOUTH - SHERIDAN ROAD INTERSECTION		\$ 200	
9		SOUTH 129TH EAST AVENUE - 41ST STREET SOUTH TO 31ST STREET SOUTH		\$ 400	
10		DELAWARE AVENUE - 91ST STREET SOUTH TO 81ST STREET SOUTH		\$ 500	
11		YALE AVENUE - 91ST STREET SOUTH TO 81ST STREET SOUTH		\$ 300	
12	Bridge Rehabilitation/Replacement			\$ 10,000	
13	Expressway, Parkway and Arterial Street Projects			\$ 14,100	
14		City Match for Federal or State Projects		X	\$ 4,000
15		West 31st Street - 53rd West avenue to 41st west Avenue (2-lane roadway w/pave shoulders) (0.75 mi.)	\$ 1,800		
16		Apache Street/Young Street - L.L. Tisdale Parkway to 41st West Avenue (2-lane roadway w/paved shoulders) (1.75 mi.)	\$ 4,100		
17		41st West Avenue - Young Street to West 31st Street North (2-lane roadway w/paved shoulders) (0.5 mi.)	\$ 1,200		
18		Gilcrease West Expressway - NW (Phase I): L.L. Tisdale Parkway to 41st West Avenue (2-lane roadway w/paved shoulders on 4-lane right-of-way)	\$ 3,000		
19	Citywide Sidewalk Replacements		\$ 600		
20	Traffic Calming Devices		\$ 500		
21	General Engineering/Inspection Services		\$ 2,000		
22	Bond Issuance Cost		\$ 227		
23	<b>Total Transportation/Streets -</b>		<b>\$ 154,427</b>	X	

## Sanitary Sewer Projects

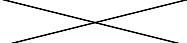
24	Collection System Rehabilitation	\$	12,500	
25	Jones/Douglas Creek			\$ 1,500
26	Upper Coal Creek			\$ 1,700
27	Joe Creek/LaFortune Park			\$ 1,000
28	West Tulsa			\$ 4,200
29	Upper Flatrock			\$ 2,200
30	Central Park/Midtown			\$ 1,400
31	Fred Creek			\$ 500
32	Unsewered Areas and Offsite Mains for Unsewered Areas	\$	11,600	
33	Fieldstone - Phase 2 (115th & Fulton)			\$ 850
34	19th St & 85th E Ave			\$ 150
35	Barrington Place			\$ 2,450
36	E 111th & S Granite Ave			\$ 50
37	Sheridan Park Contract 2			\$ 1,300
38	Romoland Phase 2			\$ 1,100
39	Forest Trails Phase 3			\$ 900
40	107th & Oswego Ave			\$ 450
41	Grimes Heights			\$ 1,600
42	Woodycrest #3			\$ 250
43	Hunter's Pointe			\$ 1,500
44	Hudson Meadows			\$ 300
45	Peoria Gardens			\$ 100
46	Council Oak Estates			\$ 600
47	Capital Projects	\$	8,200	
48	Lower Bird Creek/Spunky Creek Sewer Extensions			\$ 4,500
49	Flatrock Interceptor West Extension			\$ 2,200
50	Upper Cooley Creek Sewer Extension			\$ 1,500
51	General Engineering/Inspection Services	\$	450	
52	Bond Issuance Cost	\$	48	
53	<b>Total Sanitary Sewer -</b>	\$	<b>32,798</b>	

## Stormwater Projects

54	Concrete Channel Repair/Rehabilitation - Citywide	\$	3,000	
55	Bell Creek			\$ 1,000
56	Fulton Creek			\$ 200
57	Vensel Creek (Grupe Channel)			\$ 200
58	Sugar Creek			\$ 550
59	Audobon Creek			\$ 250
60	Joe Creek			\$ 450
61	Little Joe Creek (Mainstem)			\$ 350
62	Small Drainage Projects	\$	2,500	
63	Travis Park - Swan Lake			\$ 600
64	Vensel Creek - Wexford Detention Pond			\$ 400
65	Fred Creek - Old Joe Creek Tributary #3			\$ 1,000
66	Little Joe Creek			\$ 50
67	Oak Creek			\$ 10
68	Mingo Creek			\$ 60
69	Perryman Ditch			\$ 20
70	Elm Creek			\$ 60
71	Haikey Creek			\$ 50
72	Upper Joe Creek			\$ 20
73	Fred Creek			\$ 30
74	Crow Creek			\$ 100
75	Cooley Creek			\$ 100
76	Capital Projects	\$	26,470	
77	Fred Creek Drainage Improvements			\$ 14,800
78	South Fork Joe Creek - Phase 2			\$ 2,500
79	Fry Ditch No. 2/Mill Creek Pond Channel			\$ 2,500
80	Joe Creek Channel Rehabilitation			\$ 3,000
81	Joe Creek - 53rd & Lewis Drainage Improvements			\$ 1,400
82	Jones Tributary - Moeller Heights			\$ 1,520
83	Crow Creek			\$ 750
84	General Engineering/Inspection Services	\$	350	
85	Bond Issuance Cost	\$	47	
86	<b>Total Flood Control -</b>	\$	<b>32,367</b>	

**Police, Fire and Facilities**

87	<b><u>Police Department</u></b>		\$	5,100	
88		Property Room Facility	X		\$ 1,500
89		Forensic Laboratory Expansion and Upgrade			\$ 1,000
90		Uniform Division East			\$ 800
91		Uniform Division North			\$ 450
92		Uniform Division Southwest			\$ 1,350
93	<b><u>Fire Department</u></b>				
94	Fire Station Renovations/Rehabilitation		\$	3,000	
95		Fire Headquarters	X		\$ 460
96		Fire Station 2			\$ 130
97		Fire Station 4			\$ 460
98		Fire Station 6			\$ 50
99		Fire Station 16			\$ 50
100		Fire Station 21			\$ 120
101		Fire Station 32			\$ 130
102		Citywide Driveway Replacements			\$ 1,600
103	Fire Safety Training Center		\$	5,500	
104	<b><u>Parks and Recreation</u></b>				
105	Administrative Offices Renovation at Newblock Park		\$	1,600	
106	<b><u>Gilcrease Museum</u></b>				
107	HVAC Air Handler Unit Replacement, System Controller and Computer System Replacement		\$	600	
108	Freight Elevator Renovation		\$	150	
109	Security Systems and Lighting Upgrades		\$	750	
110	<b><u>Performing Arts Center</u></b>				
111	Chapman Music Hall Stage Floor Replacement		\$	600	
112	<b><u>Citywide</u></b>				
113	Security/Infrastructure Protection Improvements		\$	500	
114	Citywide Roofing Inspections/Maintenance Management Program		\$	900	
115	General Engineering/Inspection Services		\$	250	
116	Bond Issuance Cost		\$	28	
117	<b>Total Police, Fire and Public Facilities -</b>		\$	<b>18,978</b>	X

118	<b>GRAND TOTAL - 2005 G.O.BOND ISSUE</b>	<b>\$ 238,570</b>	
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**City of Tulsa**  
**Public Works Department**  
**PROPOSED 2005 BOND PROGRAM**

**Non-Arterial Street Rehabilitation**

**October 5, 2004**

COUNCIL DISTRICT	MAINTENANCE ZONE AND DESCRIPTION	COST	COMMENTS
1	Maintenance Zone 1006: Douglas Addition / Unity: E. Marshall Pl. / E. Latimer Pl. / Elgin Ave. / Cincinnati Ave.	\$ 797,813	In 2001 S T and PMS Report PCI 60
1	Maintenance Zone 1071(b): Garrison Ave. from 36th St. N. to Apache St.	\$ 2,303,750	In 2001 S T and PMS Report PCI 30
1	Maintenance Zone 1076(b): Cawill / Chandler Frates 5th / Northland Plaza: E. 39th Pl. N. / E. 36th St. N. / N. Lansing Pl. / N. Hartford Ave.	\$ 1,078,125	In PMS Report PCI 70
1	Maintenance Zone 1153: Country Club Oaks Addn / Country Club Annex: Haskell Pl. / Edison St. / Denver Ave. / Country Club Dr. / Xenophon Ave. and Waco Ave. from W. Newton St. to Pine St.	\$ 1,643,750	In PMS Report PCI 25
1	Maintenance Zone 1157: North Independence Ave./ North Independence Pl./ North 29th West Ave./ all North of North Haskell Pl.	\$ 410,000	Has 2" Water lines
2	Maintenance Zone 2061: Kensington Subdivision : Trenton Ave. from E. 71 St. S. to E. 78th St. S.	\$ 1,398,750	Alt 1999 B I , Alt 2001 S T and in PMS Report PCI 50
2	Maintenance Zone 2062: Spruce Point / Woodridge / Ridgecrest / Rockwood Pond Hills: E. 71 St. S. / E. 75th St. S. / Evanston Ave. / Birmingham Ave.	\$ 1,120,000	Alt. 2001 S T and in PMS Report PCI 60
2	Maintenance Zone 2125: Rosewood Acres: S. 33rd W. Ave. / S. 26th W. Ave. / W. 71st St. S. / W. 73rd St. S.	\$ 1,367,188	Alt. 1999 B I and in 2001 S T PCI 53
2	Maintenance Zone 2130(a): Golf Estates: W. 61st St. S. / W. 64th Pl. S. / S. 28th W. Ave. / S. 29th W. Pl.	\$ 787,500	In PMS Report PCI 31
2	Maintenance Zone 2130(b): West Highlands 2nd: W. 61st St. S. / W. 64th Pl. S. / S. 29th W. Ave. / S. 33rd W. Ave.	\$ 1,749,375	In PMS Report PCI 35
3	Maintenance Zone 3004: Louisville Heights: Seminole St. / Pine St. / Pittsburg Ave. / Harvard Ave.	\$ 4,742,500	Alt. 2001 S T PCI 21
3	Maintenance Zone 3017(a): Crest View Estates 3rd: Admiral Pl. S. / 4th Pl. S. / 73rd E. Ave. / 69th E. Ave.	\$ 2,746,875	In PMS Report PCI 24
3	Maintenance Zone 3017(b): Pamela Acres: 4th Pl. S. / 7th St. S. / Memorial Dr. / 73rd E. Ave.	\$ 3,275,000	Alt. 1999 B I PCI 47
4	Maintenance Zone 4021: Ridgewood: 11th St. S. / 13th St. S. / Peoria Ave. / Norfolk Ave.	\$ 1,256,250	In PMS Report Has 2" Water lines PCI 51
4	Maintenance Zone 4023: Adamson Heights / Electa Heights: 13th St. S. / 15th St. S. / Yale Ave. / Pittsburg Ave.	\$ 3,152,500	Alt. 1999 B I and in 2001 S T PCI 45

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4	Maintenance Zone 4031: Mayo Meadow: 21st Pl. S. / 23rd St. S. / Yale Ave. / Pittsburg Ave.	\$ 2,539,000	Alt 1999 B I , Alt 2001 S T and in PMS Report PCI 40
4	Maintenance Zone 4067: Campbell Drew: 13th St. S. / 17th St. S. / Elwood Ave. / Denver Ave.	\$ 1,400,000	In PMS Report PCI 60
5	Maintenance Zone 5034: Charyl Lynn Acres: 21st St. S. / 23rd St. S. / 104th E. Ave. / 101st E. Ave.	\$ 1,140,000	Alt 1999 B I and in 2001 S T PCI 45
5	Maintenance Zone 5041: Briardale: 33rd St. S. / 36th St. S. / Garnett Rd. / 108th E. Ave.	\$ 1,140,000	In 2001 S T PCI 57
5	Maintenance Zone 5047: Park Plaza 6th, Park Plaza 7th Amended: 46th Pl. S. / 51st St. S. / 72nd E. Pl. / Sheridan Rd.	\$ 3,375,000	In PMS Report PCI 30
6	Maintenance Zone 6019: Wagon Wheel Blks 15-18 : 108th E. Ave / 105th E. Pl. / 6th St. S. / Del-Rae Addn.: 7th St. S. / 105th E. Pl. / S. Garnett Road	\$ 1,263,125	In PMS Report PCI 60
6	Maintenance Zone 6020(b): Plainview Heights Addition: 123rd E. Ave. from 11th St. S. to I-44	\$ 999,844	Alt 1999 B I Has 2" Water lines PCI 40
6	Maintenance Zone 6144(a): Country Lane Addn. : 12th Pl. S. / 149th E. Ave. / Maudlin Resub.: 12th St. S. / 149th E. Ave. / Eleventh Street Acres: 12th St. S. / Fidler 2nd Addn.: 12th St. S. / 141st E. Ave. / 139th E. Ave. / Fidler Addn.: 12th St. S	\$ 1,253,125	Alt 1999 B I Alt 2001 S T Has 2" Water lines PCI 40
6	Maintenance Zone 6144(b): Romoland : 135th E. Ave. from 11th St. S. to 15th St. S.	\$ 3,253,125	Drainage Issues PCI 44
7/9	Maintenance Zone 7045 / 9045: 45th St. S. / 46th St. S. / Toledo Ave. / Pittsburg Ave.	\$ 248,125	Excessive water line breaks PCI 20
7	Maintenance Zone 7052: Park Plaza/ Park Plaza 2nd/ Sheridan Plaza: 56th St. S./ 61st St. S. / Sheridan Rd. / Hudson Ave.	\$ 3,262,500	In PMS Report PCI 45
7	Maintenance Zone 7057: 61st Pl. S. / 64th St. S. / Knoxville Ave. / Indianapolis Ave.	\$ 956,250	In PMS Report PCI 20
7/8	Maintenance Zone 7102 / 8102: Minshall Park IV Subdivision / Ridge Crest II Subdivision / Woodcrest Estates Subdivision / Woodcrest Two Subdivision: 71st St. S. / 78th Pl. S. / Joplin Ave. / Yale Ave.	\$ 1,226,250	In PMS report PCI 60
8/7	Maintenance Zone 8102 / 7102: Minshall Park IV Subdivision / Ridge Crest II Subdivision / Woodcrest Estates Subdivision / Woodcrest Two Subdivision: 71st St. S. / 78th Pl. S. / Joplin Ave. / Yale Ave.	\$ 1,226,250	In PMS Report PCI 60
8	Maintenance Zone 8103(a): Quail Creek Subdivision : 71st St. S. / 76th St. S. / 77th E. Ave. / 70th E. Ave.	\$ 2,604,375	In PMS Report PCI 41
8	Maintenance Zone 8103(b): Sheridan Valley / Deer Hollow Estates / Briarview : 78th St. S. / 81st St. S. / 69th E. Ave. / Sheridan Rd.	\$ 1,237,500	Alt. 1999 B I PCI 60

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**Non-Arterial Street Rehabilitation**

**October 5, 2004**

COUNCIL DISTRICT	MAINTENANCE ZONE AND DESCRIPTION	COST	COMMENTS
8	Maintenance Zone 8108: Chimney Hills South Ext.: 89th Pl. S. / 67th E. Ave.; Chimney Hills South: 86th Pl. S. to 89th St. S. / 68th E. Ave. to Sheridan Rd.	\$ 1,406,250	Alt 2001 S T PCI 55
9	Maintenance Zone 9036: Utica Ave. / 31st St. S. to 41st St. S. / 36th St. S./ Utica Ave. to Lewis Ave.	\$ 3,328,125	In PMS Report PCI 60
9/7	Maintenance Zone 9045 / 7045: 45th St. S. / 46th St. S. / Toledo Ave. / Pittsburg Ave.	\$ 248,125	Excessive Water line breaks PCI 20
9	Maintenance Zone 9049W: Houstonia Homesites: 54th St. S. to 56th St. S. / Peoria Ave. to Madison Ave. / Broadview Heights/ Broadview Heights 2nd: 60th St. S. to 61st St. S. / Peoria Ave. to Madison Ave. / Madison Ave. from 58th St. S. to 60th St. S	\$ 1,650,000	Alt 1999 B I in 2001 S T and in PMS Report PCI 64
9	Maintenance Zone 9050: Lewis Court Addn. / Columbia Terrace Sec. A / Bethel Union Hts. / Villa Grove Gardens: 53rd St. S. from Lewis Ave. to Delaware Pl. / Resub Columbia Terrace Sec. 2nd: Atlanta Ave. from 52st St. S. to 53rd St. S.	\$ 900,000	Drainage Concerns PCI 50

**TOTAL**

\$ 62,486,344

**PROPOSED 2005 BOND PROGRAM**  
**Engineering Services Division Project Listing**

October 5, 2004

**ARTERIAL STREET AND INTERSECTION REHABILITATION SUMMARY REPORT**  
**PROJECT LISTING**

<b>STREET NAME</b>	<b>PROJECT DESCRIPTION</b>	<b>COUNCIL DISTRICT</b>	<b>WORK DESCRIPTION</b>	<b>ESTIMATED COST (x000's)</b>	<b>COMMENTS</b>
11TH ST. S.	GARNETT RD. TO MINGO RD.	5/6	PAVEMENT REHABILITATION	\$ 3,100	2001 Alternate; PCI (21-40)
11TH ST. S.	89TH E. AVE. TO MINGO RD.	3/5	SIDEWALKS ONLY	\$ 100	
21ST ST. S.	GARNETT RD. TO US-169	5	SIDEWALKS ONLY	\$ 100	South side only.
41ST ST. S.	RIVERSIDE DR. TO LEWIS AVE.	9	PAVEMENT REHABILITATION	\$ 2,100	New; PCI (41-60)
41ST ST. S.	HUDSON AVE. TO SHERIDAN RD.	5/7	PAVEMENT REHABILITATION	\$ 500	New; PCI (21-40)
41ST ST. S.	145TH E. AVE. TO 177TH E. AVE.	6	PAVEMENT REHABILITATION	\$ 1,800	2001 Alternate; PCI (21-40)
51ST ST. S.	33RD W. AVE TO UNION AVE.	2	PAVEMENT REHABILITATION	\$ 1,000	2001 Alternate; PCI (41-60)
61ST ST. S.	HARVARD AVE. TO YALE AVE.	7	PAVEMENT REHABILITATION	\$ 2,800	2001 Alternate; PCI (41-60)
81ST ST. S.	UNION AVE. TO ELWOOD AVE.	2	PAVEMENT REHABILITATION	\$ 900	2001 Alternate; PCI (41-60)
81ST ST. S.	HARVARD AVE. TO YALE AVE.	8	PAVEMENT REHABILITATION	\$ 800	2001 Alternate; PCI (21-40)
81ST ST. S.	SHERIDAN RD. TO MEMORIAL DR.	8	PAVEMENT REHABILITATION	\$ 1,000	New; PCI (41-60)
91ST ST. S.	YALE AVE. TO SHERIDAN RD.	8	PAVEMENT REHABILITATION	\$ 900	2001 Alternate; PCI (41-60)
121ST ST. S.	YALE AVE. TO SHERIDAN RD.	8	PAVEMENT REHABILITATION	\$ 850	2001 Alternate; Coordinate with Tulsa County 4-To-Fix-It; PCI (41-60)
145TH E. AVE.	41ST ST. S. TO 31ST ST. S.	6	PAVEMENT REHABILITATION	\$ 850	2001 Alternate; PCI (41-60)
145TH E. AVE.	31ST ST. S. TO 21ST ST. S.	6	PAVEMENT REHABILITATION	\$ 650	2001 Alternate; PCI (41-60)
145TH E. AVE.	21ST ST. S. TO 11TH ST.	6	PAVEMENT REHABILITATION	\$ 900	2001 Alternate; PCI (41-60)

**PROPOSED 2005 BOND PROGRAM**  
**Engineering Services Division Project Listing**

October 5, 2004

**ARTERIAL STREET AND INTERSECTION REHABILITATION SUMMARY REPORT**  
**PROJECT LISTING**

<b>STREET NAME</b>	<b>PROJECT DESCRIPTION</b>	<b>COUNCIL DISTRICT</b>	<b>WORK DESCRIPTION</b>	<b>ESTIMATED COST (x000's)</b>	<b>COMMENTS</b>
ADMIRAL PL.	161ST E. AVE. TO 177TH E. AVE.	6	PAVEMENT REHABILITATION	\$ 1,000	2001 Alternate; PCI (41-60)
ADMIRAL PL.	177TH E. AVE. TO 193RD E. AVE.	6	PAVEMENT REHABILITATION	\$ 1,100	2001 Alternate; PCI (41-60)
APACHE ST.	GILCREASE EXPY. TO SHERIDAN RD.	3	PAVEMENT REHABILITATION	\$ 500	New; PCI (0-20) 30" WV Replace
HARVARD AVE.	11TH ST. S. TO ADMIRAL PL. / I-244	4	PAVEMENT REHABILITATION	\$ 1,500	2001 Alternate; PCI (21-40)
LEWIS AVE.	41ST ST. S. TO 31ST ST. S.	9	PAVEMENT REHABILITATION	\$ 1,400	2001 Alternate; PCI (21-40)
LEWIS AVE.	31ST ST. S. TO 21ST ST. S.	9	PAVEMENT REHABILITATION	\$ 1,300	2001 Alternate; PCI (21-40) 16" WV Replace
LEWIS AVE.	1ST ST. S. TO 3RD ST. S. 6TH ST. S. TO 11ST ST. S.	4	PAVEMENT REHABILITATION	\$ 1,600	Complete 1994 Bond Issue Streetscaping and Roadway
LEWIS AVE.	I-244 TO PINE ST.	3	PAVEMENT REHABILITATION	\$ 1,500	Dialogue/Visioning 2025; PCI (21-40)
MINGO RD.	81ST ST. S. TO 71ST ST. S.	7	PAVEMENT REHABILITATION	\$ 900	New; PCI (21-40/41-60)
PEORIA AVE.	36TH ST. N. TO 46TH ST. N.	1	PAVEMENT REHABILITATION	\$ 1,200	2001 Alternate; PCI (21-40)
PEORIA AVE.	46TH ST. N. TO 56TH ST. N.	1	PAVEMENT REHABILITATION	\$ 1,200	2001 Alternate; PCI (21-40)
PINE ST.	PEORIA AVE. TO LEWIS AVE.	1/3	PAVEMENT REHABILITATION	\$ 1,400	New; PCI (41-60) 16" WV Replace
PINE ST.	GARNETT RD. TO 129TH E. AVE.	6	PAVEMENT REHABILITATION	\$ 950	2001 Alternate; PCI (41-60)
SHERIDAN RD.	31ST ST. S. TO 21ST ST. S.	4/5	PAVEMENT REHABILITATION	\$ 1,500	2001 Alternate; PCI (41-60)
SHERIDAN RD.	11TH ST. TO ADMIRAL PL.	3/4	PAVEMENT REHABILITATION	\$ 1,500	2001 Alternate; PCI (21-40)
SHERIDAN RD.	ADMIRAL PL. TO PINE ST.	3	PAVEMENT REHABILITATION	\$ 1,800	NEW; PCI (0-20/41-60)

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**Engineering Services Division Project Listing**

October 5, 2004

**ARTERIAL STREET AND INTERSECTION REHABILITATION SUMMARY REPORT**  
**PROJECT LISTING**

STREET NAME	PROJECT DESCRIPTION	COUNCIL DISTRICT	WORK DESCRIPTION	ESTIMATED COST (x000's)	COMMENTS
SOUTHWEST BLVD.	23RD ST. TO ARKANSAS RIVER BRIDGE	2	PAVEMENT REHABILITATION	\$ 1,800	2001 Alternate; Funding provided in DV2025 for streetscaping, etc; PCI (41-60)
UNION AVE.	81ST ST. S. TO 71ST ST. S.	2	PAVEMENT REHABILITATION	\$ 850	2001 Alternate; Coordinate w/ODOT US-75 & 81st Interchange; PCI (41-60)
YALE AVE.	36TH ST. S. TO 31ST ST. S.	5/9	PAVEMENT REHABILITATION (NO INTERSECTION WORK)	\$ 1,500	New; PCI (21-40)
YALE AVE.	ADMIRAL PL. TO PINE ST.	3	PAVEMENT REHABILITATION	\$ 1,500	Dialogue/Visioning 2025; PCI (41-60)
<b>TOTAL - ARTERIAL STREET REHABILITATION</b>				<b>\$ 44,350</b>	
81ST ST. S.	HARVARD AVE. INTERSECTION	2/8	PAVEMENT REHABILITATION	\$ 900	2001 Alternate; PCI (61-80)
APACHE ST.	LEWIS AVE. INTERSECTION	3	PAVEMENT REHABILITATION	\$ 400	2001 Alternate; PCI (0-20)
MINGO RD.	ADMIRAL PL. INTERSECTION	5/6	PAVEMENT REHABILITATION	\$ 750	New; PCI (0-20)
PEORIA AVE.	31ST ST. TO 51ST ST. INTERSECTIONS	9	PAVEMENT REHABILITATION	\$ 1,300	New; PCI (41-60)
PEORIA AVE.	46TH ST. N. INTERSECTION	1	PAVEMENT REHABILITATION	\$ 750	Dialogue/Visioning 2025; PCI (21-40)
PEORIA AVE.	56TH ST. N. INTERSECTION	1	PAVEMENT REHABILITATION	\$ 750	New; PCI (21-40)
SHERIDAN RD.	31ST ST. S. INTERSECTION AND 34TH ST. S. / BA EXPY TO 31ST ST. S.	5	PAVEMENT REHABILITATION	\$ 1,300	2001 Alternate; PCI (0-20)
<b>TOTAL - ARTERIAL INTERSECTION REHABILITATION</b>				<b>\$ 6,150</b>	

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<b>STREET NAME</b>	<b>PROJECT DESCRIPTION</b>	<b>COUNCIL DISTRICT</b>	<b>WORK DESCRIPTION</b>	<b>ESTIMATED COST (x000's)</b>	<b>COMMENTS</b>
3RD ST. S.	HOUSTON AVE. TO LANSING AVE.	CITYWIDE	PAVEMENT REHABILITATION	\$ 1,000	New; PCI (41-60)
4TH ST. S.	FRISCO AVE. TO LANSING AVE.	CITYWIDE	PAVEMENT REHABILITATION	\$ 884	New; PCI (41-60)
5TH ST. S.	BOSTON AVE. TO FRANKFORD AVE.	CITYWIDE	PAVEMENT REHABILITATION	\$ 233	New; PCI (41-60)
6TH ST. S.	BOULDER AVE. TO BOSTON AVE.	CITYWIDE	PAVEMENT REHABILITATION	\$ 200	New; PCI (41-60)
6TH ST. S.	CINCINNATI AVE. TO KENOSHA AVE.	CITYWIDE	PAVEMENT REHABILITATION	\$ 200	New; PCI (41-60)
7TH ST. S.	ELGIN AVE. TO DETROIT AVE.	CITYWIDE	PAVEMENT REHABILITATION	\$ 100	New; PCI (41-60)
7TH ST S.	MAIN ST. TO CHEYENNE AVE.	CITYWIDE	PAVEMENT REHABILITATION	\$ 200	New; PCI (41-60)
13TH ST. S.	DETROIT AVE. TO ELGIN AVE.	CITYWIDE	PAVEMENT REHABILITATION	\$ 50	New; PCI (41-60)
13TH ST. S.	NEWPORT AVE. TO PEORIA AVE.	CITYWIDE	PAVEMENT REHABILITATION	\$ 133	New; PCI (41-60)
<b>TOTAL - DOWNTOWN STREET REHABILITATION</b>				<b>\$ 3,000</b>	
<b>ROUTINE/PREVENTIVE MAINTENANCE</b>	<b>VARIOUS LOCATIONS (TBD)</b>	<b>CITYWIDE</b>	<b>ROUTINE AND PREVENTIVE MAINTENANCE</b>	<b>\$ 2,500</b>	<b>New</b>
<b>TOTAL - ARTERIAL STREET AND INTERSECTION REHABILITATION</b>				<b>\$ 56,000</b>	

**PROPOSED 2005 BOND PROGRAM**  
**Engineering Services Division Project Listing**

October 5, 2004

**ARTERIAL STREET WIDENING PROJECTS (DESIGN ONLY)**

PROJECT	COUNCIL DISTRICT	Estimated Cost (x 000's)	DESCRIPTION/JUSTIFICATION
51ST STREET SOUTH - GARNETT ROAD TO BROKEN ARROW EXPRESSWAY	6	\$ 300	Project would widen 51st Street from Garnett Road to Broken Arrow Expressway (US-51). Current traffic volume - 23,700 vehicles per day, 99% over capacity.
61ST STREET SOUTH - PEORIA AVENUE INTERSECTION	9	\$ 3,000	Engineering funded in 1996. Project would widen the 61st Street South intersection at Peoria Avenue including four through lanes and left and right turn lanes. Project will also include drainage improvements. Funding for Right-of-Way Acquisition and Utili
81ST STREET SOUTH - MEMORIAL DRIVE TO MINGO ROAD; 81ST STREET SOUTH - SHERIDAN ROAD TO MEMORIAL DRIVE	7/8	\$ 800	Project will widen 81st Street to four-lanes from Sheridan Road to Mingo Road, including drainage improvements. Current traffic volume: Memorial to Mingo - 24,700 vehicles per day, 107% over capacity; Sheridan to Memorial - 22,100, 85% over capacity. 30
91ST STREET SOUTH - MEMORIAL DRIVE TO MINGO ROAD	8	\$ 500	Project will widen 91st Street to four-lanes from Memorial Drive to Mingo Road, including drainage improvements. Current traffic volume - 18,800 vehicles per day, 58% over capacity. 30" WV Replacement
91ST STREET SOUTH - SHERIDAN ROAD INTERSECTION	8	\$ 200	Engineering funded in 1996. Provide additional funding to complete design. Project would widen the 91st Street South intersection at Sheridan Road including four through lanes and left and right turn lanes. Project will also include drainage improvements.
SOUTH 129TH EAST AVENUE - 41ST STREET SOUTH TO 31ST STREET SOUTH	6	\$ 400	Project will widen South 129th East Avenue to four-lanes from 31st Street South to 41st Street South, including drainage improvements. Current traffic volume - 14,300 vehicles per day, 20% over capacity.
DELAWARE AVENUE - 91ST STREET SOUTH TO 81ST STREET SOUTH	2	\$ 500	Project would widen Delaware Avenue from 81st Street to 91st Street. Current traffic volume - 9100 vehicles per day. Significant economic development and traffic growth potential to the south and along Riverside Drive.
YALE AVENUE - 91ST STREET SOUTH TO 81ST STREET SOUTH	8	\$ 300	Engineering funded in 1996. Provide additional funding to complete design. Project would widen Yale Avenue from 81st Street to 91st Street to a six-lane divided roadway and provide drainage improvements. Current traffic volume - 25,400 vehicles per day, 1
<b>TOTAL: ARTERIAL STREET WIDENING</b>		<b>\$ 6,000</b>	

**City of Tulsa  
2005 BOND PROGRAM**

**Sanitary Sewer System Projects**

PROJECT	COUNCIL DISTRICT	COST ESTIMATE (x000's)	DESCRIPTION/JUSTIFICATION
<b><u>COLLECTION SYSTEM REHABILITATION</u></b>			
Jones/Douglas Creek	3	450	Rehabilitation recommended in the 2003 Comprehensive Study.
	4	450	
	5	600	
	<b>Total:</b>	<b>\$ 1,500</b>	
Upper Coal Creek	3	850	Rehabilitation recommended in the 2003 Comprehensive Study.
	4	850	
	<b>Total:</b>	<b>\$ 1,700</b>	
Joe Creek/LaFortune Park	7	1,000	Rehabilitation recommended in the 2003 Comprehensive Study.
	<b>Total:</b>	<b>\$ 1,000</b>	
West Tulsa	2	\$ 4,200	Rehabilitation recommended in the 2003 Comprehensive Study.
	<b>Total:</b>	<b>\$ 4,200</b>	
Upper Flatrock	1	\$ 1,300	Rehabilitation recommended in the 2003 Comprehensive Study.
	3	\$ 900	
	<b>Total:</b>	<b>\$ 2,200</b>	
Central Park/Midtown	4	\$ 1,400	Rehabilitation recommended in the 2003 Comprehensive Study.
	<b>Total:</b>	<b>\$ 1,400</b>	
Fred Creek	8	\$ 500	Rehabilitation recommended in the 2003 Comprehensive Study.
	<b>Total:</b>	<b>\$ 500</b>	
<b>Total - Collection System Rehabilitation Projects</b>		<b>\$ 12,500</b>	
<b><u>UNSEWERED AREAS</u></b>			
<b>Unsewered Areas</b>	<b>District</b>		Unsewered areas meeting criteria of TMUA Unsewered Area Policy. Funding to provide service to areas currently on septic systems.
Fieldstone - Phase 2 (115th & Fulton)	8	\$ 850	
19th St & 85th E Ave	5	\$ 150	
Barrington Place	8	\$ 600	
E 111th & S Granite Ave	8	\$ 50	
Sheridan Park Contract 2	8	\$ 1,300	

**City of Tulsa  
2005 BOND PROGRAM**

**Sanitary Sewer System Projects**

PROJECT	COUNCIL DISTRICT	COST ESTIMATE (x000's)	DESCRIPTION/JUSTIFICATION
Romoland Phase 2	6	\$ 1,100	
Forest Trails Phase 3	8	\$ 900	
107th & Oswego Ave	8	\$ 450	
Grimes Heights	1	\$ 1,000	
Woodycrest #3	9	\$ 150	
Hunter's Pointe	8	\$ 1,400	
Hudson Meadows	8	\$ 300	
Peoria Gardens	9	\$ 100	
Council Oak Estates	8	\$ 600	
	<b>Total:</b>	<b>\$ 8,950</b>	
<b>Unsewered Areas - Offsite Mains</b>	<b>District</b>		Provide offsite sewer mains between interceptors and subdivisions in unserved areas.
	1	\$ 600	Ref. Grimes Heights
	8	\$ 1,850	Ref. Barrington Place, Forest Glen-Burgundy Est., Hunters Pointe
	9	\$ 100	Ref. Woodycrest #3
	8	\$ 100	Ref. Hunters Pointe
	<b>Total:</b>	<b>\$ 2,650</b>	
<b>Total Unserved Areas</b>		<b>\$ 11,600</b>	
<b><u>CAPITAL PROJECTS</u></b>			
Lower Bird Creek/Spunky Creek Sewer Extensions	6	\$ 4,500	Expansion in undeveloped area for economic development to serve the Lower Bird Creek/Spunky Creek basins as recommended in the 2003 Comprehensive Study.
Flatrock Interceptor West Extension	1	\$ 2,200	Extend sanitary sewer to serve Botanical Garden/"The American" site.
Upper Cooley Creek Sewer Extension	6	\$ 1,500	Extend sanitary sewer to industrial areas and undeveloped areas near Admiral between 129th and 145th East Avenue.
	<b>Total:</b>	<b>\$ 8,200</b>	
General Engineering & Inspection Services		\$ 450	Engineering services during construction and inspection services.
Bond Issuance Cost		\$ 48	
<b>Total:</b>		<b>\$ 32,798</b>	

**2005 BOND PROGRAM**  
**Police/Fire/Public Facilities**  
**Detail Project and Location Listing**

**Funding Level: \$238.6**

Department/Facility Name	Location/Address	Council District	Cost Estimate
<b><u>Police Department</u></b>			
Property Room Facility	TBD	Citywide	\$ 1,500
Forensic Laboratory Expansion and Upgrade	TBD	Citywide	\$ 1,000
Uniform Division East	10122 E. 11th Street	Citywide	\$ 800
Uniform Division North	3436 N. Delaware Ave.	Citywide	\$ 450
Uniform Division Southwest	7515 S. Riverside Dr.	Citywide	\$ 1,350
<b>Subtotal - Police</b>			<b>\$5,100</b>
<b><u>Fire Department</u></b>			
Fire Station Renovations/Rehabilitation		Citywide	
- Fire Headquarters	411 S. Frankfort Ave.	Citywide	\$ 460
- Fire Station 2	524 W. Edison Street	Citywide	\$ 130
- Fire Station 4	524 W. 12th Street	Citywide	\$ 460
- Fire Station 6	102 E. 18th Street	Citywide	\$ 50
- Fire Station 16	1401 N. Lewis Ave.	Citywide	\$ 50
- Fire Station 21	4606 East 31st Street	Citywide	\$ 120
- Fire Station 32	6010 East 91st Street	Citywide	\$ 130
- Citywide Driveway Replacements		Citywide	\$ 1,600
Fire Safety Training Center	TCC Northeast Campus	Citywide	\$ 5,500
<b>Subtotal - Fire</b>			<b>\$ 8,500</b>
<b><u>City/Parks &amp; Recreation Department</u></b>			
Administrative Offices Renovation at Newblock	1710 W. Charles Page Blvd.	Citywide	\$ 1,600
<b>Subtotal - Parks &amp; Recreation</b>			<b>\$ 1,600</b>
<b><u>Gilcrease Museum</u></b>			
HVAC Air Handler Unit Replacement, System Controller and Computer System Replacement	1400 N. Gilcrease Museum Rd.	Citywide	\$ 600
Freight Elevator Renovation	1400 N. Gilcrease Museum Rd.	Citywide	\$ 150
Security Systems and Lighting Upgrades	1400 N. Gilcrease Museum Rd.	Citywide	\$ 750
<b>Subtotal - Gilcrease Museum</b>			<b>\$ 1,500</b>
<b><u>Performing Arts Center</u></b>			
Chapman Music Hall Stage Floor Replacement	110 E. 2nd Street	Citywide	\$ 600
<b>Subtotal - PAC</b>			<b>\$ 600</b>
<b><u>Citywide</u></b>			
Security/Infrastructure Protection Improvements		Citywide	\$ 500
Citywide Roofing Inspections/Maintenance Management Program		Citywide	\$ 900
General Engineering/Inspection Services		Citywide	\$ 250
<b>Subtotal - Citywide</b>			<b>\$ 1,650</b>

**2005 BOND PROGRAM**  
**Police/Fire/Public Facilities**  
**Detail Project and Location Listing**

**Funding Level: \$238.6**

Department/Facility Name	Location/Address	Council District	Cost Estimate
Bond Issuance Cost			28
<b>TOTAL - POLICE/FIRE/PUBLIC FACILITIES</b>			<b>\$ 18,978</b>