

JOHN COOK
MAYOR



JOYCE WILSON
CITY MANAGER

CITY COUNCIL
ANN MORGAN LILLY, DISTRICT 1
SUSANNAH M. BYRD, DISTRICT 2
J. ALEXANDRO LOZANO, DISTRICT 3
MELINA CASTRO, DISTRICT 4
PRESI ORTEGA, JR., DISTRICT 5
EDDIE HOLGUIN JR., DISTRICT 6
STEVE ORTEGA, DISTRICT 7
BETO O'ROURKE, DISTRICT 8

DEVELOPMENT & INFRASTRUCTURE SERVICES

TO: The Honorable Mayor and City Council

COPY TO: Joyce A. Wilson, City Manager
William Studer, DCM for Financial & Administrative Services
Deborah G. Hamlyn, DCM for Quality of Life Services
Charlie McNabb, City Attorney
Carmen Arrieta-Candelaria, Chief Financial Officer
David Almonte, OMB Director
Rick Conner, City Engineer
Irene D. Ramirez, Asst. City Engineer
Daryl W. Cole, Street Director
R. Alan Shubert, Development Services Director
Ellen A. Smyth, Environmental Services Director
✓ Richarda D. Momsen, Municipal Clerk

FROM: Patricia D. Adauto, Deputy City Manager *Adauto*

SUBJECT: Storm 2006, CIP Project Priorities & Bond Reprogramming
City Council Meeting, October 3, 2006, Item 15

DATE: October 2, 2006

CITY CLERK'S OFFICE
06 OCT -2 P 3:18

Attached is additional documentation that supplements my prior correspondence dated August 15 and September 18, 2006 regarding the reprogramming of capital funding in order to address critical infrastructure repair and reconstruction resulting from Storm 2006. Included as supplemental information is the following:

- A. ATTACHMENT A – Summary of Balances, Outstanding Certificates of Obligation & General Obligation Bonds. This listing identifies the remaining projects and their respective balances within each of the outstanding bond issuances.
- B. ATTACHMENT B – Flowchart depicting process for Reprogramming of Capital Funds.
- C. ATTACHMENT C – Summary of Approved Capital Fund Reprogramming.
- D. ATTACHMENT D – 2006 Certificates of Obligation, Proposed Capital Fund Reprogramming.
- E. ATTACHMENT E – Storm 2006, Revised Street & Drainage Priorities.

Should you have any questions on any of the information provided you regarding our efforts to address the Storm 2006 priorities please let me know. I am available to meet at your convenience.

ATTACHMENT A

Summary of General Obligation and Certificate of Obligation Bonds

Date of Issuance	Type of Issuance	Number of Projects Remaining	Remaining Balance
1987	General Obligation Bonds (GOB)	6	\$ 1,274,949.01
1995	GOB	6	\$ 172,051.49
1998A	GOB	1	\$ 16,849.13
2000A	GOB	5	\$ 788,586.36
2004	GOB	78	\$ 30,990,794.44
1993A	Certificate of Obligation Bonds (CO)	4	\$ 305,370.77
1994A	CO	7	\$ 910,085.97
1995A	CO	6	\$ 966,049.38
1996	CO	1	\$ 19,853.93
1997A	CO	2	\$ 34,260.25
1998	CO	1	\$ 92,817.32
1998A	CO	9	\$ 887,364.20
1998B	CO	5	\$ 824,227.73
2000	CO	20	\$ 2,152,443.44
2001	CO	11	\$ 763,766.54
2001A	CO	4	\$ 763,766.54
2002	CO	2	\$ 124,274.96
2003	CO	31	\$ 7,237,736.18
2006	CO	43	\$ 98,023,017.36

1987 General Obligation Bonds

Project	Balance
1 Schuster Slope Stability	\$ 23,945.06
2 Loop 375 Enhancement - International Bridge Improvements	\$ 295,942.38
3 Water Tank Project	\$ 10,000.00
4 Cedar Grove Phases 11-12	\$ 39,974.51
5 Airway Pump Station	\$ 2,340.44
6 Loop 375 Spur at Talbot	\$ 200,000.00
7 Americas System*	\$ 300,000.00
8 Bluff Channel*	\$ 201,725.79
9 Closed Projects*	\$ 2,499.42
10 MS4 for Water Quality Phase 1*	\$ 198,521.41
TOTAL	\$ 1,274,949.01

*Project budgets reprogrammed to Storm 2006 projects.

1995 General Obligation Bonds

Project	Balance
1 Mission Trail Improvements	\$ 44,481.62
2 Resler-Fred Wilson	\$ 16,000.00
3 Unallocated	\$ 72,968.56
4 Northwest Traffic Study*	\$ 23,970.00
5 Sunland Park Drive*	\$ 4,700.00
6 Dodge (Hawkins) Expansion*	\$ 9,931.31
TOTAL	\$ 172,051.49

*Project budgets reprogrammed to Storm 2006 projects.

1998A General Obligation Bonds

Project	Balance
1 Lee Blvd - Montana - Pratt	\$ 16,849.13

2000A General Obligation Bonds

Project	Balance
1 Alabama Street & Drainage Improvements	\$ 76,554.91
2 Schuster Slope Stability	\$ 9,849.95
3 Unallocated*	\$ 41,044.12
4 MS4 Water Quality Phase 1*	\$ 194,103.13
5 MS4 Water Quality Phase 1*	\$ 467,034.25
TOTAL	\$ 788,586.36

*Project budgets reprogrammed to Storm 2006 projects.

2004 General Obligation Bonds

Project	Balance
1 Rocky Bluff Drain Overflow Flume	\$ 141,651.52
2 Montoya Heights Phase I	\$ 2,593,369.44
3 Montoya Heights, Phase 2	\$ 3,185,948.14
4 Nations Tobin Roof & Rehabilitation	\$ 82,332.20
5 Roger Brown Park Repaving	\$ 3,889.92
6 Sunrise Park Jogging Path	\$ 26,411.54
7 Alabama - Fred Wilson to McKelligon	\$ 77,886.72
8 Marshall Bridge Rehab	\$ 2,218.50
9 Open Space Enhancements	\$ 993,390.10
10 Pollard Street Pedestrian Way	\$ 88,294.63
11 Street Resurfacing Dist. 2	\$ 636.61
12 Unpaved ROW Dist. 2	\$ 1,444,664.21
13 Memorial Park Branch	\$ 43,619.05
14 Airway Pump Station	\$ 1,343.98
15 Airway Feasibility Study	\$ 52,845.40
16 Cedar Grove Phase 10	\$ 163,573.88
17 Cedar Grove Phases 11 & 12	\$ 61,490.69
18 Cedar Grove Phases 1-9	\$ 682,531.72
19 Hawkins ROW acquisition	\$ 999,999.63
20 Landscaping & Parkway Beautification	\$ 125,266.43
21 Dyer Median Landscaping	\$ 70,000.00
22 Round Rock & Captain Valtr Circle	\$ 44,250.00
23 Landscape & Parkway Dist. 4	\$ 56,642.33
24 NE Diversion Channel #2	\$ 1,977,727.46
25 Northpark Drainage concrete lining	\$ 998,559.57

26 Fire Station #34	\$	241,853.11
27 George Dieter Median	\$	790,069.89
28 Lee Blvd. Extension	\$	1,808,689.83
29 Montwood Street Improvements	\$	176,630.20
30 Montwood Median Landscaping	\$	356,526.37
31 Pebble Hills Median Landscaping	\$	189,866.03
32 Fire Station #33	\$	214,202.33
33 Pavo Real Rec Center Roof	\$	190,075.57
34 Ranchos del Sol New Park Development	\$	537.63
35 Billy the Kid Street & Drainage Phase 2	\$	334,736.36
36 General Street Improvements	\$	55,959.22
37 Montwood Median Improvements	\$	8,976.61
38 Roseway	\$	3,758,249.67
39 Fire Station #35	\$	57,272.01
40 Ysleta Health Center Roof/HVAC	\$	124,208.79
41 Shawver Pool Phase II	\$	274,562.96
42 Carlson Elliot Pump Station	\$	516,723.27
43 Bowen Street & Drainage	\$	130,663.69
44 Dorbandt Street & Drainage	\$	1,030,390.17
45 Indian Place Street & Drainage	\$	879,738.58
46 Montwood Dist. 7	\$	203,396.88
47 Signal & Flasher Dist 7	\$	30,000.00
48 Street Resurfacing Dist. 7	\$	37,082.80
49 Wenda Way Street & Drainage	\$	1,298,986.87
50 Fire Station #18 Rehab	\$	59,536.18
51 Lower Valley Branch Library Equipment	\$	348.83

52 Galatzan Rec Center HVAC	\$	4,815.29
53 General Park Improvements Dist. 8	\$	647,233.84
54 Leo Cancellare Pool Rehab	\$	36,603.05
55 CBD Phase 3	\$	98,817.11
56 Ladrillo Street & Drainage Improvements	\$	12,446.68
57 Signal & Flahser Dist 8	\$	212,838.65
58 Street Resurfacing Dist. 8	\$	73,904.79
59 Sunland Park Improvements	\$	98,790.19
60 Unpaved ROW Dist. 8	\$	42,641.63
61 Unpaved ROW Alamito Complex	\$	450,000.00
62 Fire Station #31 design	\$	111,000.00
63 Henderson Health Center	\$	8,951.80
64 Sign Replacements Citywide (CW)	\$	(1,241.67)
65 Signal & Flasher Installation CW	\$	70,109.68
66 Street Resurfacing CW	\$	67,186.58
67 Alberta & Concepcion	\$	231,455.34
68 Unpaved ROW CW	\$	901,433.67
69 Capital Acquisitions	\$	177,661.15
70 ADA Compliance CW	\$	37,863.18
71 Capital Acquisitions Public Safety	\$	1,684.98
72 Capital Acquisitions Library	\$	143,252.89
73 Capital Acquisitions Zoo	\$	5,851.82
74 Capital Acquisitions Health	\$	20,103.95
75 Capital Acquisitions Fire	\$	435,205.00
76 Capital Acquisitions Streets	\$	13,670.82
77 Capital Acquisitions Parks	\$	30,879.10

78 Bond Issuance Costs	\$	369,810.40
TOTAL	\$	30,990,797.44

1993A Certificate of Obligation Bonds

Project	Balance
1 CVB Roof Rehab	\$ 83,550.00
2 City Hall Upgrades	\$ 713.92
3 City Hall Upgrades	\$ 168,021.63
4 Unallocated	\$ 53,085.22
TOTAL	\$ 305,370.77

1994A Certificate of Obligation Bonds

Project	Balance
1 Fire Station #35	\$ 23,107.04
2 Zoo Improvements	\$ 54,531.36
3 Facility Condition Assessment	\$ 499,298.86
4 City Hall Upgrades	\$ 66.66
5 Cohen Stadium Lessor Improvements	\$ 106,549.62
6 Citywide Swings	\$ 200,000.00
7 City Hall Upgrades	\$ 26,532.43
TOTAL	\$ 910,085.97

1995A Certificate of Obligation Bonds

Project	Balance
1 Zoo Improvements	\$ 5,604.40
2 Fire Facilities Master Plan	\$ 94,171.20
3 City Hall Upgrades	\$ 3,431.07
4 Fire Alarm Library City Hall*	\$ 257,200.40
5 Playground Equipment	\$ 450.72
6 Lee Blvd.	\$ 605,191.59
TOTAL	\$ 966,049.38

*Project budgets reprogrammed to Storm 2006 projects.

1996 Certificate of Obligation Bonds

Project	Balance
1 Mast Arm Replacement	\$ 19,853.93

1997A Certificate of Obligation Bonds

Project	Balance
1 Zoo Improvements	\$ 3,431.45
2 Fire Facilities Master Plan	\$ 30,828.80
TOTAL	\$ 34,260.25

1998 Certificate of Obligation Bonds

Project	Balance
1 Civic Center Capital Improvements	\$ 92,817.32

1998A Certificate of Obligation Bonds

Project	Balance
1 Zoo Improvements	\$ 357,160.09
2 Central Fire Station HVAC Improvements	\$ 100,000.00
3 Police Facilities Master Plan	\$ 125,000.00
4 Fire Station Improvements	\$ 26,000.00
5 MSC Improvements	\$ 25,661.60
6 Clinic Roof Replacement	\$ 149,701.20
7 Library Book Processing	\$ 101,314.16
8 PS Migration	\$ 449.99
9 Equipment	\$ 2,077.16
TOTAL	\$ 887,364.20

1998B Certificates of Obligation

Project	Balance
1 Traffic Calming Devices/Signal	\$ 29,438.48
2 Alabama Street & Drainage Improvements	\$ 73,445.09
3 Carolina Bridge Reconstruction	\$ 390,000.00
4 Yarbrough Bridge	\$ 250,000.00
5 Equipment	\$ 81,344.16
TOTAL	\$ 824,227.73

2000 Certificate of Obligation

Project	Balance
1 City Depts. Equipment	\$ 63,444.13
2 Solid Waste Equipment	\$ 0.30
3 Equipment Maintenance Equipment	\$ 30,038.49
4 Print Ship Equipment	\$ 8,000.00
5 Mast Arm Replacement	\$ 171,728.34
6 1st Traffic Control	\$ 21,291.80
7 Elevator Replacement - City Hall Upgrades	\$ 49,676.41
8 City Hall 5th Floor Renovation	\$ 12,427.75
9 Lane Markings	\$ 2.00
10 1st Facilities*	\$ 169,868.50
11 Unpaved ROW*	\$ 47,218.67
12 Unallocated*	\$ 376,187.14
13 Capital Acquisitions	\$ 153,959.21
14 City Hall 7th Floor Renovation	\$ 101,114.31
15 San Antonio Plaza	\$ 178,389.79
16 CBD Phase III Design	\$ 75,607.63
17 International Bridge Counters	\$ 94.94
18 7th Floor Remodel	\$ 200,000.00
19 City Hall Upgrades	\$ 348,394.03
20 Loop Detector Installation	\$ 145,000.00
TOTAL	\$ 2,152,443.44

*Project budgets reprogrammed to Storm 2006 projects.

2001 Certificate of Obligation Bonds

Project	Balance
1 City Equipment	\$ 198,785.47
2 ADA Compliance Phase I	\$ 77,076.74
3 Fire Station #20 Rehab	\$ (37.84)
4 Mission Hills Park	\$ 3,884.00
5 Ponder Park	\$ 4,500.00
6 Blackie Chesher Park	\$ 4,700.00
7 Fire Station Mesa & Executive*	\$ 67,511.25
8 Unallocated*	\$ 43,361.74
9 Unallocated Capital Acquisitions	\$ 27,292.30
10 Animal Shelter	\$ 656.13
11 Lee Trevino Extension	\$ 210,720.00
TOTAL	\$ 638,449.79

*Project budgets reprogrammed to Storm 2006 projects.

2001A Certificate of Obligation Bonds

Project	Balance
1 History Museum Exhibit Area	\$ 110,154.53
2 Health Facilities Rawlings Clinic	\$ 96,307.89
3 City County Health Admin Phase 3	\$ 365,467.89
4 CIP Management Software	\$ 191,836.23
TOTAL	\$ 763,766.54

2002 Certificate of Obligation Bonds

Project	Balance
1 City Equipment	\$ 124,269.69
2 Equipment Maintenance Equipment	\$ 5.27
TOTAL	\$ 124,274.96

2003 Certificate of Obligation Bonds

Project	Balance
1 Unallocated	\$ 145,355.19
2 Resler Canyon Improvements	\$ 353,673.27
3 Hawkins Median Improvements	\$ 6,638.66
4 Hawkins Expansion	\$ 5,367.00
5 Kimberly Heights	\$ 93,800.00
6 CBD Phase 3	\$ 180,838.93
7 Security Upgrade City Hall	\$ 114.98
8 Lee Blvd. Montana Pratt	\$ 163,966.60
9 Design/Environmental Sunland Park Extension*	\$ 53,988.81
10 City ROWs Paving*	\$ 589,548.71
11 First Basin improvements*	\$ 300,765.59
12 MS4 for Water Quality Phase 1*	\$ 471,040.51
13 Street Light Conversion*	\$ 710,777.01
14 Northwest Corral*	\$ 160,000.00
15 Edgemere Extension & Design	\$ 253,094.18
16 Artwork 2%	\$ 568,997.04
17 MS4 Water Quality Phase I	\$ 200,000.00
18 Synchronization	\$ 4,960.98
19 Flasher Installation	\$ 41,452.35
20 Northwest Corral	\$ 175,827.58
21 Unallocated	\$ 788,788.69
22 City Hall Upgrades	\$ 1,029,203.77
23 Lane Markings	\$ 536.98
24 Alameda/El Paso Dr. Intersection Imp.	\$ 21,000.00

2003 Certificate of Obligation Bonds

Project	Balance
25 Loop 375 Bridge Improvements	\$ 240,000.00
26 Cotton Street Bridge	\$ 1.01
27 Alberta & Concepcion Improvements	\$ 538,304.60
28 Traffic Calming/Street Lights	\$ 10,865.80
29 Texas/Raynor/Piedras Bridge	\$ 23,800.00
30 Zaragoza POE Bathroom Addition	\$ 48,723.13
31 City Equipment	\$ 56,304.81
TOTAL	\$ 7,237,736.18

*Project budgets reprogrammed for Storm 2006 projects.

2006 Certificate of Obligation Bonds

Project	Balance
1 2% for the Arts	\$ 1,977,360.00
2 Cebada/I-10 Flood Control	\$ 10,462,723.27
3 Stormwater Drainage	\$ 1,000,000.00
4 Montoya Phase II	\$ 1,000,000.00
5 Carnegie Design	\$ 500,000.00
6 Northeast Drainage Improvements	\$ 700,000.00
7 Bowen Phase II	\$ 800,000.00
8 Agricultural Drains	\$ 2,000,000.00
9 ADA Compliance*	\$ 4,000,000.00
10 ADA Connectivity with Resurfacing	\$ 2,000,000.00
11 Emergency City Facility Rehabilitation	\$ 1,700,000.00
12 Neighborhood Initiatives*	\$ 2,000,000.00
13 Open Space Acquisitions*	\$ 2,000,000.00
14 Airport Road Street & Drainage Imp.	\$ 1,000,000.00
15 Alameda Street & Drainage Improvements	\$ 400,000.00
16 Alameda/Little Flower Street & Drainage	\$ 1,849,296.63
17 Airway Phase I Street & Drainage Imp.*	\$ 4,999,810.42
18 McCombs/Railroad Street & Drainage	\$ 616,318.75
19 Rushing/Transmountain Street & Drainage	\$ 1,869,953.80
20 Alameda Street & Drainage Improvements	\$ 5,777,000.00
21 Pellicano/Lomaland Street & Drainage	\$ 1,413,810.42
22 CBD Phase IV Street & Drainage	\$ 150,000.00
23 Carnegie Street & Drainage Phase I	\$ 2,915,709.85
24 Street Resurfacing	\$ 9,004,027.71

2006 Certificate of Obligation Bonds

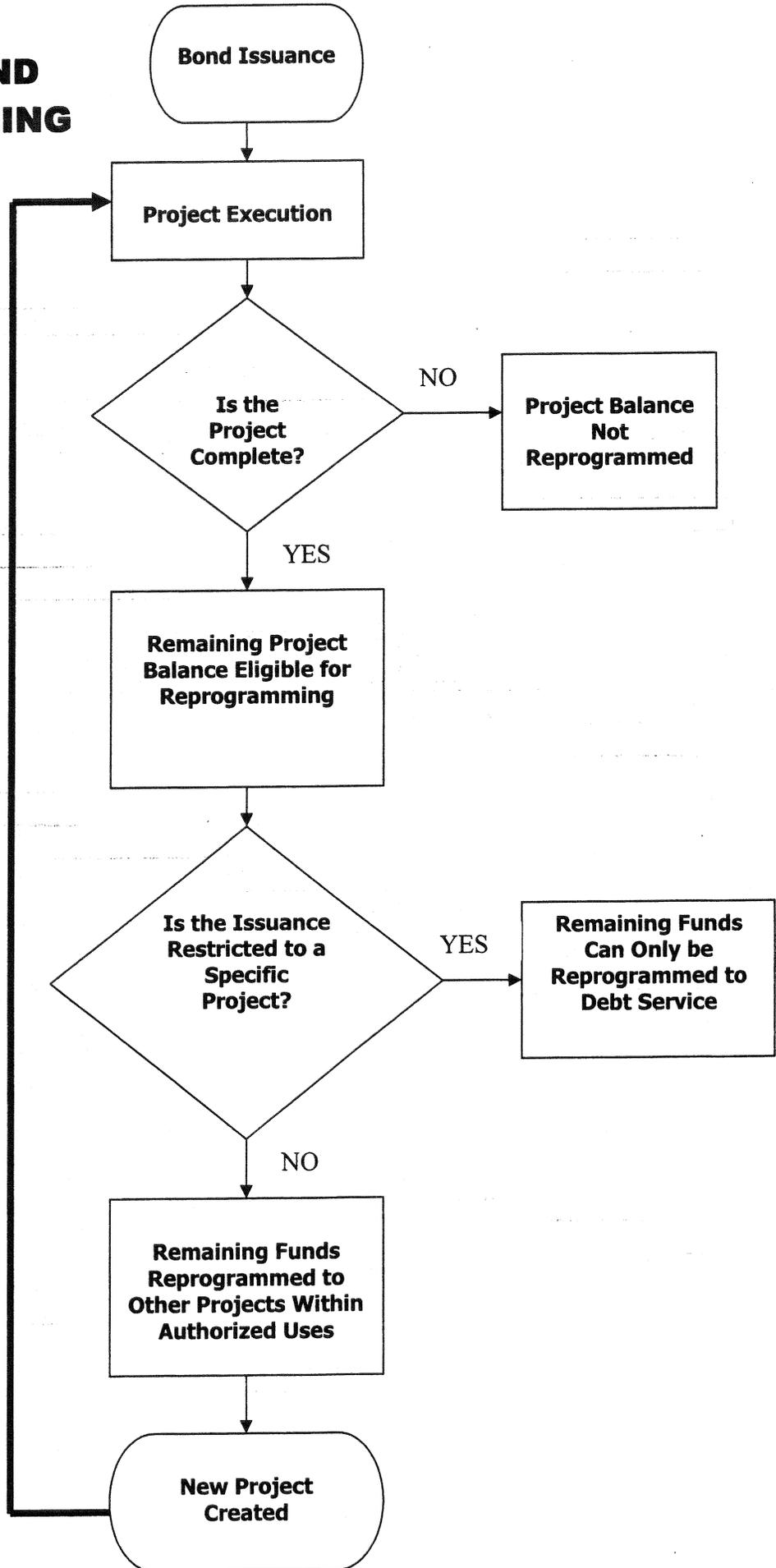
Project	Balance
25 Concrete Intersections	\$ 6,815,500.00
26 Upper Valley	\$ 184,500.00
27 Signal/Flasher Installation*	\$ 3,219,234.47
28 Unpaved ROW	\$ 2,750,000.00
29 Hawaiian Estates Street & Drainage	\$ 1,000,000.00
30 Turner Street Improvements	\$ 250,000.00
31 Arterial Street Lighting	\$ 2,998,751.15
32 Mast Arm Replacements	\$ 3,000,000.00
33 Street Light Replacement*	\$ 4,000,000.00
34 Lane Markings	\$ 2,000,000.00
35 Traffic Calming*	\$ 400,000.00
36 Loop Detectors	\$ 75,000.00
37 TXDOT Matches	\$ 6,000,000.00
38 Zoo Improvements	\$ 300,000.00
39 Yarbrough	\$ 800,000.00
40 Zaragoza Overpass	\$ 473,000.00
41 Citywide Street Resurfacing	\$ 0.89
42 El Paso/Alameda/Concepcion	\$ 2,138,000.00
43 Bond Issuance Cost	\$ 1,483,020.00
TOTAL	\$ 98,023,017.36

*Project budgets scheduled for reprogramming for Storm 2006 projects.

CAPITAL FUND REPROGRAMMING

WHY REPROGRAM FUNDS?

- Save payment of bond issuance costs
- Interest expense already known
- Minimize impact to budget
- Save time in executing projects within already authorized uses
- Ability to respond to changing priorities
- Ability to respond to emergency situations
- Ability to expand already authorized projects



ATTACHMENT C

**CAPITAL FUND REPROGRAMMING
2004 TO PRESENT**

Funding Source	Approximate Fund Balance Reprogrammed	Reprogramming Needs	City Council Approval Date
1994A CO, 1995A CO, 1997 CO, 1997A CO, 1998 CO, 1998A CO, 1999 CO, 2000 CO, 2001 CO, 2002A CO, 2003 CO, 2001 GOB	\$5,783,966	TxDOT Matches; +\$12 million in contractual obligations unfunded	September 2004
1993A CO, 1994A CO, 1995 CO, 1997A CO, 1998A CO, 2000 CO, 2001 CO, 2003 CO	\$1,656,719	Zoo Improvements; Capital Acquisitions	August 2006
1987 GOB, 1995A GOB, 2000A GOB, 1995 CO, 2000 CO, 2001 CO, 2003 CO, 2003 CO	\$4,787,998	Storm 2006, Street & Drainage Priorities	September 2006
2006 CO	\$10,400,000	Storm 2006, Street & Drainage Priorities	Pending
<i>Total</i>	\$22,628,683		

ATTACHMENT D

**STORM 2006
2006 CO FUND REPROGRAMMING**

Projects	Original Allocation	Reprogrammed Funding for Critical Infrastructure
Street Resurfacing	\$ 10,000,000.00	\$ -
TMIS	\$ 2,000,000.00	\$ -
ADA Compliance	\$ 6,000,000.00	\$ 1,000,000.00
Concrete Intersections	\$ 7,000,000.00	\$ -
Unpaved ROW	\$ 4,000,000.00	\$ -
Arterial Street Lighting	\$ 3,000,000.00	\$ -
Storm Water Drainage	\$ 4,000,000.00	\$ -
Mast Arm Replacement	\$ 3,000,000.00	\$ -
Lane Lines and Markings	\$ 2,000,000.00	\$ -
Loop Detectors	\$ 600,000.00	\$ -
Signal/Flasher Installation	\$ 4,000,000.00	\$ 500,000.00
Traffic Calming	\$ 400,000.00	\$ 400,000.00
Emergency City Facility Rehabilitation	\$ 2,000,000.00	\$ -
Street Light Replacement	\$ 4,000,000.00	\$ 500,000.00
TX DOT Matches	\$ 6,000,000.00	\$ -
El Paso Drive/Alameda/Concepcion	\$ 2,138,000.00	\$ -
Airport Road	\$ 1,000,000.00	\$ -
Alameda	\$ 400,000.00	\$ -
Alameda/Little Flower	\$ 1,850,000.00	\$ -
Airway Phase 1	\$ 5,000,000.00	\$ 5,000,000.00
McCombs/Railroad	\$ 617,000.00	\$ -
Rushing/Transmountain	\$ 1,870,000.00	\$ -
Zaragoza/SPRR Crossing	\$ 473,000.00	\$ -
Yarbrough	\$ 800,000.00	\$ -
Alameda	\$ 5,777,000.00	\$ -
Pelicano/Lomaland	\$ 1,414,000.00	\$ -
CBD Phase IV	\$ 150,000.00	\$ -
Cebada I-10	\$ 10,463,000.00	\$ -
Open Space Acquisition	\$ 2,000,000.00	\$ 2,000,000.00
Neighborhood Initiatives	\$ 2,000,000.00	\$ 1,000,000.00
Agricultural Drains	\$ 2,000,000.00	\$ -
Carnegie	\$ 2,916,000.00	\$ -
Arts 2%	\$ 1,977,360.00	\$ -
Bond Issuance	\$ 1,483,020.00	\$ -
TOTALS	\$ 102,328,380.00	\$ 10,400,000.00

ATTACHMENT E

STORM 2006 - REVISED INFRASTRUCTURE PROJECTS

PRIORITY	PROJECT	PROBLEM	DIST	ESTIMATED COST
			Citywide	2,000,000.00
2	Glory Road - Storm Sewer @ Alley between Mesa & Oregon; Baltimore to	Collapse CMP requires repair/reroute, close proximity to structures and is a deep installation	1	\$ 1,223,200.00
3	Shadow Mountain/Silver Springs Roadways and Silver Springs Channel and Coronado Ditch Improvements	Roadway and drainage system washed away by flood, approximately 0.5 mile, 70 ft ROW, of roadway and underground drainage system approximately 100 lineal foot; channel redesign and reconstruction to include inlet and outlet structures and rockwalls.	1	\$ 6,851,290.00
4	Ojo De Agua Channel from the inlet structure to Thorn Dam and Thorn Inlet structure at Lakehurst Bridge crossing	Channel concrete lining undermined (appr. 600 lineal feet), protective rock wall is destroyed (appr. 220 lineal feet), scouring on box culverts (2 ft by 2 ft by 6 in), floor channel damages, washouts along channel, channel outlet structure damage and inlet structure damage	1	\$ 1,934,366.00
5	Paragon - Santa Fe Channel - Festival	Concrete drainage channel damage approximately 300 lineal feet.	1 & 8	\$ 3,881,000.00
6	Thunderbird Valley Channel	Channel damage approximately 350 lineal feet (40 ft width)	1 & 8	\$ 221,600.00
	Earlbanks between NG Freeway to	Roadway damage to include curb and gutter, sidewalk, and pavements	4	\$ 1,903,700.00
8	Highlands Sediment Basin	Approximately 1400 feet of rock and debris filled and damaged two concrete lined channels and concrete	1	\$ 626,000.00
9	High Ridge Channel & Bear Ridge Channel	Drainage channel damage approximately 1000 lineal feet including damage on culverts and channel, headwalls, maintenance road, abutting rock walls	1	\$ 509,100.00
10	Lindberg (Doniphan to Montoya Drain) Redd (McCutchen to Montoya Drain) Mulberry (Doniphan to Montoya Drain) Warriors (Lindbergh to Mulberry)	Street and drainage damage	1	\$ 2,472,900.00
11	Crestmont Channel along Sunland Park Drive	Drainage structure damage at the crossing	8	\$ 27,900.00
12	Doniphan Phase I Intake and discharge pipe system & Phase II discharge pipe system	Infiltration and separated joints possible on the inlet side, ie Hillside	8	\$ 584,532.00
13	601 Sunland Park Drive / Buena Vista Channel	Damage chain link and rock wall fences. Damage of safety grates at box culverts and roadway damage to include sidewalk.	8	\$ 23,400.00
14	Bandolero Channel	Debris Removal	1 & 8	\$ 197,415.00
15	Drainage Easement on Franklin Summit	Erosion / backfill	1	\$ 85,758.00
16	Wallenberg and Mesa Hills	Roadway and drainage system washed away by flood, approximately 500 lineal feet, 70 ft ROW, of roadway and backfill approximately 36 ft in depth, and underground drainage system approximately 500 lineal foot.	8	\$ 549,977.00
17	Government Hills Outfall / Durazno Neighborhood	New Pump Station (with back up generator), recommended to ensure drainage during high river levels, replacing existing gravity flow system	3	\$ 1,500,000.00
18	624 De Leon	Roadway damage, curb and gutter, approximately 70 ft. Drainage channel damage approximately 60 ft.	8	\$ 19,300.00
19	Castellano Drive	Street and drainage damage	1 & 8	\$ 364,109.00
20	Pressure Manholes	Boone, Oxidation and Keystone. Inspection and report	3 & 8	\$ 221,800.00
21	4100 N Mesa	Repair/Replace Collapsed Conduit Make proper with Easement(s)	8	\$ 100,000.00
22	Landfill Slope/Erosion Repairs	Repair and reconstruction of slopes		\$ 3,653,810.00
23	Cebada Pump Station	Electrical Service inadequate to fully operate pump station. Install automated cleaning system on the	8	\$ 250,000.00
24	Cedar Oak @ Pendale	Erosion / Backfill - Spillway damage	7	\$ 30,000.00
25	Don Haskins and Rojas	Damage to roadway structure approximately 30 lineal feet.	6	\$ 25,000.00
	James Watt @ Las Trevino	Street and drainage damage	7	\$ 500,000.00
27	Pellicano (Lee Trevino to Lionel) and Pendale and Rojas	Roadway damage to include curb and gutter, sidewalk, and pavements	7	\$ 200,000.00
28	Resler Extension North of Helen of Troy	Drainage Channel Damage and Debris removal Required	1	\$ 125,000.00
29	2630 Copper	Roadway erosion due to flood	2	\$ 75,000.00

ATTACHMENT E

STORM 2006 - REVISED INFRASTRUCTURE PROJECTS

PRIORITY	PROJECT	PROBLEM	DIST	ESTIMATED COST
30	Basin A Pump Station discharge pipe	Infiltration and separated joints possible on the inlet side, ie in Parking possibly under Border Highway,	3	\$ 150,000.00
31	Bessemer	Damage to roadway structure approximately 150 lineal feet.	7	\$ 100,000.00
32	Bluff Canyon	Roadway damage to include curb and sidewalks approximately 300 lineal feet by 90 feet.	8	\$ 500,000.00
33	Canterbury Channel between Ridge Crest & Stanton	Drainage Channel Damage	1	\$ 100,000.00
34	Channel No. 2 (Butterfield Trail apts. Sun Valley to Channel no. 1)	Erosion / Backfill/ Complete channel lining to channel #1. All crossings to be evaluated and sized appropriately. Upstream private drainage undersized.	4	\$ 4,000,000.00
35	Chihuahula Neighborhood	Improve outfall with backflow preventor and/or pipe to Chihuahula Pump Station well.	8	\$ 2,000,000.00
36	Clardy Fox Pump Station	PLC/Electrical Control Panel overloaded / damaged during event. Install automated cleaning system on the grates to remove floatable blocking the pumps	3	\$ 200,000.00
37	Colonia Escondida	New Pump Station, recommended to ensure drainage, replacing existing gravity flow system	8	\$ 1,000,000.00
38	Copper Queen	Erosion / Backfill / Desilt / construct spillways and possible RCP system	3	\$ 300,000.00
39	Crossroads Pond	Redesign and improve outlet structure from pond to White Spur Ditch to include concrete lining	8	\$ 600,000.00
40	Gravity Flow outlets to the Rio Grande	Evaluate and Repair/Install grate/gates and powered opening/actuation system and aprons	3, 6 & 8	\$ 5,000,000.00
41	Helen of Troy from Resler to Redd	Roadway damage to include curb and gutter, sidewalk, and pavements	1	\$ 100,000.00
42	Henry Brennan	Damage to roadway structure approximately 700 lineal feet.	6	\$ 150,000.00
43	Inspect / Assess all City detention/retention ponds I	Repair / Restore / Improve to current standards	Citywide	\$ 2,000,000.00
43	Inspect / Assess all City detention/retention ponds II	Repair/Restore/Improve to current standards	Citywide	\$ 1,000,000.00
43	Inspect/ Assess all City detention/retention ponds III	Repair/Restore/Improve to current standards	Citywide	\$ 1,000,000.00
44	Inspect/Assess all City Conduits I	Repair/Restore/Improve to current standards	Citywide	\$ 1,000,000.00
44	Inspect/Assess all City Conduits II	Repair/Restore/Improve to current standards	Citywide	\$ 1,000,000.00
44	Inspect/Assess all City Conduits III	Repair/Restore/Improve to current standards	Citywide	\$ 1,000,000.00
44	Inspect/Assess all City Conduits IV	Repair/Restore/Improve to current standards	Citywide	\$ 1,000,000.00
45	Isabella and Cabrillo	Damage box culvert grates, protective rock wall, and clean-up of debris	8	\$ 100,000.00
46	Joyce Circle	Existing drainage structures inadequate	2	\$ 200,000.00
47	Lincoln Channel	Erosion / backfill and repair concrete structures	3	\$ 200,000.00
48	Los Siglos Court & Lucas Marcelo Court	Damage protective retaining along drainage channel approximately 90 ft and wrought iron fence and replace destroyed rockwall	1	\$ 150,000.00
49	Mamie / Elmwood	Street and drainage damage	1	\$ 1,000,000.00
50	Modesto Channel River outfall	Improve outfall with backflow preventor and/or pipe to Clardy Fox or New Pump Station (with back up	8	\$ 1,500,000.00
51	Montoya Drain	Erosion / Backfill	1 & 8	\$ 500,000.00
52	Mountain Walk	Roadway damage to include curb and gutter, sidewalk, and pavements	4	\$ 100,000.00
53	Mowad Subdivision	Street and drainage damage	1	\$ 5,000,000.00
54	Nemexas Drain	Erosion / Backfill	1 & 8	\$ 250,000.00
55	North South Freeway Channel	Erosion / backfill and repair concrete structures, concrete line remaining channel	4	\$ 750,000.00
56	Northgate Diversion Channel	Erosion / Backfill	4	\$ 300,000.00
57	Ocotillo/Charl Ann	Street and drainage damage	8	\$ 1,200,000.00
58	O'Keefe	Erosion / Backfill - Spillway damage, Fence damaged	1	\$ 50,000.00
59	Pershing Dam Upper & Lower Basin	Erosion / Backfill / Desilt / Repair Structures	2	\$ 1,000,000.00
60	Pine Springs (South View to Loop 375)	Roadway damage to include curb and gutter, sidewalk, and pavements	6	\$ 30,000.00
61	Pullman Basin	Erosion / Backfill / Desilt / Repair Spillway	6	\$ 200,000.00

ATTACHMENT E

STORM 2006 - REVISED INFRASTRUCTURE PROJECTS

PRIORITY	PROJECT	PROBLEM	DIST	ESTIMATED COST
62	Pump Station assess and repair as needed (Doniphan Phase 1, Doniphan)	All pump stations requires assessment, needed repairs and possible upgrades.	8, 3, 6, 7	\$ 3,000,000.00
63	Ramona Addition	Street and drainage damage	3	\$ 100,000.00
64	Rim Road / Scenic Drive and RV Channel	Roadway damage and slope erosion approximately 500 lineal feet by 36 feet; erosion/backfill	1 & 6	\$ 800,000.00
65	Stoney Hill	Roadway damage to include curb and gutter, sidewalk, and pavements	4	\$ 100,000.00
66	Thorton	Street and drainage damage	8	\$ 400,000.00
67	Delta and Manny Martinez	Erosion on street and drainage structure.	3	\$ 100,000.00
68	Four Level Interchange	Erosion / Backfill / Desilt	2 & 8	\$ 100,000.00
69	Fred Wilson @ Alabama Mesa Hills @ Bluff Trail Montana @ Paisano	Erosion	2,3,4 & 8	\$ 300,000.00
70	Americas 10 Dam	Desilt Structure. Reconstruct inlets from RV & Texas A&M. Provide for proper outlet to Mesa Drain, and proper inlets with ROW for improved inlet channels and structures	6	\$ 3,000,000.00
71	Channel No. 1	Erosion / backfill and Debris removal	4	\$ 200,000.00
72	Dallas Outlet	New Pump Station (with back up generator) recommended to ensure drainage during high river	8	\$ 2,000,000.00
73	Edgemere and Robert E. Lee	Repair damaged asphalt flume in median triangle	3	\$ 5,000.00
74	Fiber Optic Link to all major City Facilities	Ensure communications between critical city facilities during emergency operations	Citywide	\$ 4,000,000.00
75	Ft Bliss Sump	Desilt Structure		\$ 400,000.00
76	Luna LaLuz to Hueco	Erosion	8	\$ 125,000.00
77	McKelligon Canyon	Roadway damage, approximately 1000 lineal feet of shoulders and 200 lineal feet of asphaltic pavement.	2 & 4	\$ 1,000,000.00
78	Mesa Drain	Erosion / backfill / restore original grade	6 & 7	\$ 250,000.00
79	Northeast Pond and Northgate Dam	Desilt Structure	4	\$ 600,000.00
80	Playa Drain	Erosion / backfill / restore original grade	3, 6 & 7	\$ 250,000.00
81	Pollard Veterans Memorial Park	Erosion / Backfill w/flood control improvements	2	\$ 50,000.00
82	Range Dam	Desilt Structure	4	\$ 600,000.00
83	Robinson	Roadway damage	7	\$ 500,000.00
84	Schuster slope improvements	Slope above Schuster uncontained and eroding across from El Paso High School. Slope below	1 & 8	\$ 2,500,000.00
85	Texas A&M / Research Drive Channel	Erosion / Backfill / Clear and Repair conduits	6	\$ 2,000,000.00
86	Whirlaway	Erosion	6	\$ 100,000.00
87	Upgrade Emergency Communications Systems	Ensure communications between critical city facilities during emergency operations	CW	\$ 500,000.00
88	Capital Equipment	See attached equipment list	CW	\$7,531,000.00
89	Central / Mesa Drain Corps of Engineers (COE) Drainage Study	Uncontrolled Flows	3	\$ 1,500,000.00
90	East Side / Americas Basin watershed COE Drainage Study	Uncontrolled Flows	6	\$ 1,500,000.00
91	Northeast / Woodrow Bean to Martin Luther King COE Drainage Study	Uncontrolled Flows	4	\$ 1,500,000.00
92	West Side Mulberry Dam watershed to northern City Limits COE Drainage Study	Uncontrolled Flows	1	\$ 1,500,000.00
TOTAL COST ALL PROJECTS				\$101,397,157.00

NOTES:

Projects highlighted in orange have been capital requests over 10 years.
 Projects highlighted in yellow have been capital requests 5 to 10 years.