

Project Summary and Justification

Department Public Works
Division Storm Sewer & Drainage

The 2001-2007 Storm Sewer and Drainage Capital Improvement Program is a combination of projects which require funding on an annual basis and projects requiring one-time funding for construction at specific locations.

Project 1 City Subsidy to Storm Sewer Construction in Paving Districts
Project 2 City Subsidy to Storm Sewer Construction in New Subdivisions
Project 3 Preliminary Storm Sewer Study, Engineering, Emergency Construction, and Right-of-Way and Easement Acquisition

Projects No. 1, 2, and 3 reflect the continuing need to finance the construction of storm sewer extensions required in conjunction with the construction of paving districts throughout the City; continuing the policy of not subsidizing storm sewer system construction within new subdivisions, and the need to provide funding for preliminary engineering, right-of-way, and easement acquisition.

Project 4 Miscellaneous Minor Public Storm Sewer Improvement, Such as Repairs to Physically Distressed Systems and Upgrading Small Aging Systems

Project No. 4 is for construction of minor storm sewer or other drainage improvements at various locations in the public storm sewer system where deficiencies are causing local drainage problems, or repairs are needed to existing facilities. Specific locations have not been identified.

Project 5 Comprehensive Master Storm Water Basin Management Plans

Project No. 5 provides continuing funding for "Comprehensive Stormwater Drainage Basin Management Plans" including FEMA map updates. These plans will be a tool to manage drainage quantity and quality, and prioritize future stormwater expenditures in each drainage basin within the City. The LPSNRD provides matching funds for this project.

Project 6 Channel Improvement and Implementation of Master Planned Basin Projects

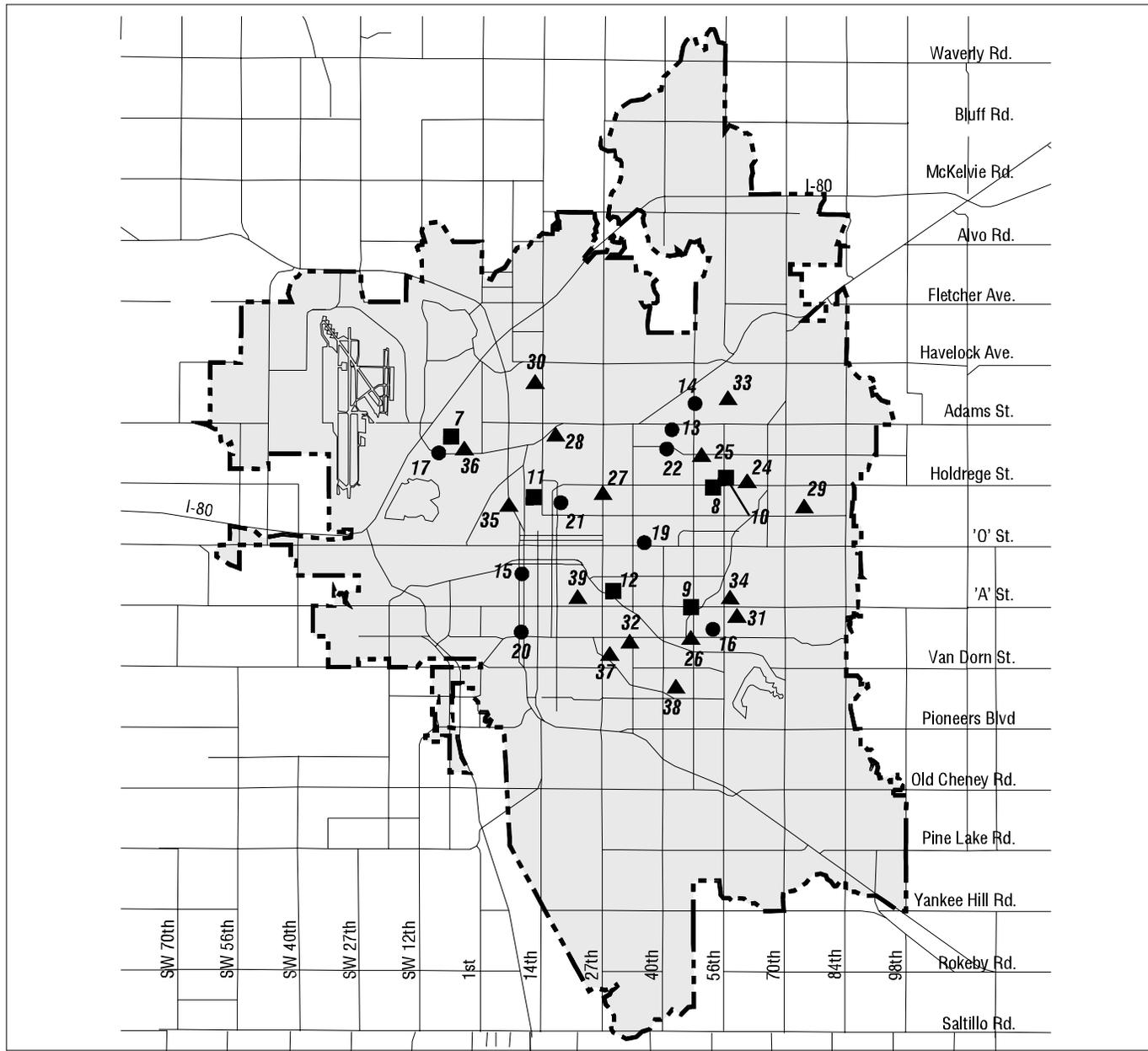
Project No. 6 is the specific channel improvement projects in Master Planned Basin such as Beal Slough which includes streambed and bank stability measures; The LPSNRD will provide matching funds for these projects.

Projects 7 - 39 Various Construction Projects

Project No. 7 through 39 are construction projects at various locations in the City where no system exists or to replace a structurally deficient system. These projects also include replacement of the existing storm sewer systems that do not meet current standards. The lack of a proper storm sewer system causes street and private property flooding during intense storm events. These projects were among the projects originally identified and prioritized in a 1979 study, or areas identified and studied since the 1979 study. These projects are proposed to be funded by general obligation bonds which must be approved by voters of the City of Lincoln.

Lincoln CIP 2001 - 2007

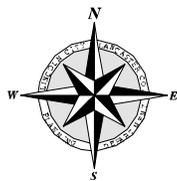
Public Works Storm Water & Drainage



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Lincoln Future Service Limit Shown as Gray

Map prepared by
City - Co. Planning Dept
GIS Section



- 2002 - 2003
- 2004 - 2005
- ▲ 2006 - 2007

List of Projects*Department: Public Works / Storm Sewer & Drainage*

Project Number	Project Title
(1.)	City subsidy to storm sewer construction in paving districts.
(2.)	City subsidy to storm sewer construction in new subdivisions.
(3.)	Preliminary storm sewer study, engineering, emergency construction, and right-of-way and easement acquisition.
(4.)	Miscellaneous minor public storm sewer improvement, such as repairs to physically distressed systems and upgrading small aging systems.
(5.)	Comprehensive Master Storm Water Basin Management Plans (Equal funding by LPSNRD).
(6.)	Channel Improvement and Implementation of Master Planned Basin Projects (Equal funding by LPSNRD)
7.	Storm Sewer NW 7th - W Belmont to N 1st St - West Nance Street
8.	Storm Sewer 52nd and Holdrege to 51st and Starr Street; 52nd & Holdrege to 54th & Dudley; 56th Holdrege to 51st & Orchard
9.	Storm Sewer Cotner Blvd. - Antelope Creek
10.	Storm Sewer Deweese 53rd to 54th; 56th & Holdrege to 51st and Orchard
11.	Storm Sewer 12th - Charleston to Court plus laterals.
12.	Storm Sewer 28th & "D" to 33rd & Randolph
(13)	Miscellaneous Repairs and Rehabilitations to be identified Prior to Bond Issue
14.	Storm Sewer Sherwood and Somerset to 54th and Cleveland
15.	Storm Sewer 9th & 'H' to 14th & 'H' Street
16.	Storm Sewer 52nd Street - Glade to Franklin
17.	Storm Sewer NW 8th & W. Saunders to NW 9 th and Cornhusker
18.	Storm Sewer Cleveland 43rd to 44th
19.	Storm Sewer 36th & O to 39th & L Street
20.	Storm Sewer Plum Street - Park to 10th Street. and Storm Sewer South & park to 10th & Peach
21.	Storm Sewer 17th Street, - 'Y' to Dudley Street
22.	Storm Sewer Huntington Ave., 42nd to 46th Street
(23)	Miscellaneous Repairs and Rehabilitations to be identified Prior to Bond Issue
24.	59th & Holdrege to 61st & Leighton Laterals
25.	Garland - 50th to 53rd; 50th Garland to Deadman's Run
26.	48th & South to 49th & Franklin
27.	27th & Dudley to 30th & Starr
28.	Yolande - Lillian to Salt Creek; 15th & Adams to Yolande & Cornhusker
29.	York Lane & Meadowdale Drive to w Avon & Carlos Drive
30.	Lewis & North Park to 12th & Irving
31.	Crestline Drive - Franklin to Manor
32.	33rd Street - Ryons to Lake Street
33.	Laterals From Fremont in 57th, 63rd & 65th
34.	Eastridge Drive - 'A' to Margo
35.	X Street - 6th to 9th
36.	NW 7th & W. Dawes to NW 6th & Cornhusker; NW 6th & Dawes to NW4th and Cornhusker
37.	Purutan & Rathbone to Winthrop and Colonial
38.	44th Street. - High to Hillside
39.	Storm Sewer "C" Street - 22nd to 24th; 24th - Sumner to E Street

*Project number in parenthesis indicates project is not shown on the map.

2001 - 2007 CAPITAL IMPROVEMENT PROGRAM

DIVISION: STORM SEWER & DRAINAGE

(1) PROJ. NO.	(2) PROJECT TITLE	(3) PROJ. PRIO.	(4) 5% Inflation per year PROGRAMMED EXPENDITURES & FUNDING SOURCES (FS) (000's)											
			2001-2002		2002-2003		2003-2004		2004-2005		2005-2006		2006-2007	
			FS	FS	FS	FS	FS	FS	FS	FS				
1	City subsidy to storm sewer construction in paving districts	A	39.5 GR	41.5 GR	43.5 GR	45.7 GR	48.0 GR	50.4 GR						
2	City subsidy to storm sewer construction in new subdivisions	A												
3	Preliminary storm sewer study, engineering, emergency construction, and right-of-way and easement acquisition	A	14.0 GR	14.7 GR	15.4 GR	16.2 GR	17.0 GR	17.9 GR						
4	Miscellaneous minor public storm sewer Improvement, such as repairs to physically distressed systems and upgrading small aging systems	A	100.0 GR	100.0 GR	100.0 GR	105.0 GR	110.3 GR	115.8 GR						
5	Comprehensive Master Storm Water Basin Management Plans (Equal funding by LPSNRD). Including FEMA Map Updates.	A	229.0 GR	135.5 GR	142.2 GR	149.3 GR	156.8 GR	164.6 GR						
6	Implementaion of Master Planned Basin Projects (Equal Funding by LPSNRD) Channel Improvements, streambed, bank stability measures; engineering, easements and land acquisition projects recommended in Master planned basins.	A	100.0 GR	1000.0 GO	110.0 GR	1000.0 GO	220.0 GR	1000 GO						
7	Storm sewer NW 7th - W Belmont to N 1st St - West Nance St. (29 a)	A		475.0 GO										
8	Storm sewer 52nd and Holdrege to 51st and Starr Streets; 52nd & Holdrege to 54th & Dudley; 56th Holdrege to 51st & Orchard (46b,c,d)	A		900.0 GO										
9	Storm sewer Cotner Blvd - Antelope Creek to "A" Streets (40 a)	A		990.0 GO										
10	Storm Sewer Deweese 53rd to 54th; 56th and Holdrege to 51st and Orchard (47c,d)	A		175.0 GO										
11	Storm sewer 12th - Charleston to Court plus Lateral (17 a)	A		670.0 GO										
12	Storm sewer 28th & 'D' to 33rd & Randolph (23 b)	A		1,117.0 GO										
13	Miscellaneous Repairs and Rehabilitations to be identified Prior to Bond issue	A		355.0 GO										
14	Storm sewer Sherwood and Somerset to 54th and Cleveland (60 b)	A				850.0 GO								

(5)	(6)	(7)		(8)	(9)	(10)	(11)						(1)	
TOTAL FOR SIX YEARS (000's)	COST BEYOND 2006-2007 (000's)	PRIOR APPROPRIATIONS		TOTAL CAP COSTS (000's)	COMP PLAN	STATUS OF PLANS	COST BREAKDOWNS FOR SIX-YEAR EXPENDITURES (000's)						PROJ. NO.	
		(000's)	YEAR FS	(5)+(6)+(7)	CONFORM	PRELIM PLANS	FINAL PLANS	LAND ACQUISITION	CONST	EQUIP / FURNISH	OTHER (EXPLAIN)			
268.7	Unknown	38.0	00-01 GR	306.7	GCP	1					268.7			1
0.0	Unknown	NONE		0.0	GCP	1					0.0			2
95.2	Unknown	13.0	00-01 GR	108.2	GCP	1					108.2			3
631.0	Unknown	67.7	00-01 GR	698.7	GCP	1					698.7			4
977.4	Unknown	123.8	00-01 GR	1,101.2	ICWP	1						Plan Development 977.4		5
														6
3,430.0	Unknown	250.0	00-01 GR	3,680.0	GCP	1		166.0			3,514.0			
475.0	NONE	NONE		475.0	GCP	1		21.0			454.0			7
900.0	NONE	NONE		900.0	GCP	1		41.0			859.0			8
990.0	NONE	NONE		990.0	GCP	1		45.0			945.0			9
175.0	NONE	NONE		175.0	GCP	1		8.0			167.0			10
670.0	NONE	NONE		670.0	GCP	1		30.0			640.0			11
1,117.0	NONE	NONE		1,117.0	GCP	1		50.0			1,067.0			12
355.0	NONE	NONE		355.0	GCP	1		16.0			339.0			13
850.0	NONE	NONE		850.0	GCP	1		38.0			812.0			14

2001 - 2007 CAPITAL IMPROVEMENT PROGRAM

DIVISION: STORM SEWER & DRAINAGE

(1) PROJ. NO.	(2) PROJECT TITLE	(3) PROJ. PRIO.	(4) 5% Inflation per year												
			PROGRAMMED EXPENDITURES & FUNDING SOURCES (FS) (000's)												
			2001-2002	FS	2002-2003	FS	2003-2004	FS	2004-2005	FS	2005-2006	FS	2006-2007	FS	
15	Storm sewer 9th & 'H' to 14th & 'H' St. (32 d)	A					480.0	GO							
16	Storm sewer 52nd St. - Glade to Franklin (57 a)	A					410.0	GO							
17	Storm sewer NW 8th & W. Saunders to NW 9th & Corn. (29 d)	A					115.0	GO							
18	Storm sewer Cleveland - 43rd to 44th (63)	A					270.0	GO							
19	Storm sewer 36th & "O" to 39th & 'L' St. (4 c)	A					1,000.0	GO							
20	Storm sewer Plum St. - Park to 10th St. and Storm sewer South & Park to 10th & Peach (30 a, c)	A					780.0	GO							
21	Storm sewer 17th St. - 'Y' to Dudley St. (49 a)	A					155.0	GO							
22	Storm sewer Huntington Ave., 42nd to 46th St. (24)	A					240.0	GO							
23	Miscellaneous Repairs and Rehabilitations to be identified Prior to Bond issue	A					355.0	GO							
24	59th & Holdrige to 61st & Leighton Laterals (14)	A												325.0	GO
25	Garland - 50th to 53rd; 50th Garland to Deadman's Run (47 a, b)	A												375.0	GO
26	48th & South to 49th & Franklin (40 b)	A												125.0	GO
27	27th & Dudley to 30th & Starr (36 c)	A												320.0	GO
28	Yolande - Lillian to Salt Creek ; 15th & Adams Yolande & Cornhusker (20 a,b)	A												270.0	GO
29	York Lane & Meadowlane Dr. to W Avon & Carlos Dr (59d)	A												300.0	GO
30	Lewis & North Park to 12th & Irving (31)	A												112.0	GO
31	Crestline Dr. - Franklin to Manor (58)	A												425.0	GO
32	33rd St. - Ryons to Lake St. (12 a)	A												150.0	GO
33	Laterals from Fremont in 57th, 63rd & 65th (42 d)	A												200.0	GO
34	Eastridge Drive - 'A' to Margo (57 c)	A												125.0	GO
35	X' Street - 6th to 9th (17 c)	A												115.0	GO

(5)	(6)	(7)		(8)	(9)	(10)	(11)						(1)
TOTAL FOR SIX YEARS (000's)	COST BEYOND 2006-2007 (000's)	PRIOR APPROPRIATIONS (000's)	YEAR FS	TOTAL CAP COSTS (000's) (5)+(6)+(7)	COMP PLAN CONFORM	STATUS OF PLANS	COST BREAKDOWNS FOR SIX-YEAR EXPENDITURES (000's)						PROJ. NO.
							PRELIM PLANS	FINAL PLANS	LAND ACQUISITION	CONST	EQUIP / FURNISH	OTHER (EXPLAIN)	
480.0	NONE	NONE		480.0	GCP	1		22.0			458.0		15
410.0	NONE	NONE		410.0	GCP	1		18.0			392.0		16
115.0	NONE	NONE		115.0	GCP	1		5.0			110.0		17
270.0	NONE	NONE		270.0	GCP	1		12.0			258.0		18
1,000.0	NONE	NONE		1,000.0	GCP	1		45.0			955.0		19
780.0	NONE	NONE		780.0	GCP	1		35.0			745.0		20
155.0	NONE	NONE		155.0	GCP	1		7.0			148.0		21
240.0	NONE	NONE		240.0	GCP	1		11.0			229.0		22
355.0	NONE	NONE		355.0	GCP	1		16.0			339.0		23
325.0	NONE	NONE		325.0	GCP	1		15.0			310.0		24
375.0	NONE	NONE		375.0	GCP	1		17.0			358.0		25
125.0	NONE	NONE		125.0	GCP	1		6.0			119.0		26
320.0	NONE	NONE		320.0	GCP	1		14.0			306.0		27
270.0	NONE	NONE		270.0	GCP	1		12.0			258.0		28
300.0	NONE	NONE		300.0	GCP	1		14.0			286.0		29
112.0	NONE	NONE		112.0	GCP	1		5.0			107.0		30
425.0	NONE	NONE		425.0	GCP	1		19.0			406.0		31
150.0	NONE	NONE		150.0	GCP	1		7.0			143.0		32
200.0	NONE	NONE		200.0	GCP	1		9.0			191.0		33
125.0	NONE	NONE		125.0	GCP	1		6.0			119.0		34
115.0	NONE	NONE		115.0	GCP	1		5.0			110.0		35

2001 - 2007 CAPITAL IMPROVEMENT PROGRAM

DIVISION: STORM SEWER & DRAINAGE

(1)	(2)	(3)	5% Inflation per year (4)							
PROJ. NO.	PROJECT TITLE	PROJ. PRIO.	PROGRAMMED EXPENDITURES & FUNDING SOURCES (FS) (000's)							
			2001-2002 FS	2002-2003 FS	2003-2004 FS	2004-2005 FS	2005-2006 FS	2006-2007 FS		
36	NW 7th & W. Dawes to NW 6th & Cornhusker; NW 6th & W. Dawes to NW 4th and Cornhusker (29 b,c)	A							170.0	GO
37	Puritan & rathbone to Winthrop and Colonial (11 e)	A							145.0	GO
38	44th St. - High to Hillside (62 c)	A							165.0	GO
39	Storm sewer "C" St - 22nd to 24th ; 24th - Sumner to "E" St. (45 a, c)	A							790.0	GO
FUNDING SOURCE BREAKDOWN										
	GO (General Obligation)		0.0	5682.0	0.0	5655.0	0.0	5112.0		
	GR (General Revenue)		482.5	291.7	411.1	316.2	552.1	348.7		
	DIVISION TOTAL:		482.5	5973.7	411.1	5971.2	552.1	5460.7		

(5)	(6)	(7)		(8)	(9)	(10)	(11)					(1)	
TOTAL FOR SIX YEARS (000's)	COST BEYOND 2006-2007 (000's)	PRIOR APPROPRIATIONS		TOTAL CAP COSTS (000's) (5)+(6)+(7)	COMP PLAN CONFORM	STATUS OF PLANS	COST BREAKDOWNS FOR SIX-YEAR EXPENDITURES (000's)					PROJ. NO.	
		(000's)	YEAR FS				PRELIM PLANS	FINAL PLANS	LAND ACQUISITION	CONST	EQUIP / FURNISH		OTHER (EXPLAIN)
170.0	NONE	NONE		170.0	GCP	1		8.0		162.0			36
145.0	NONE	NONE		145.0	GCP	1		7.0		138.0			37
165.0	NONE	NONE		165.0	GCP	1		7.0		158.0			38
790.0	NONE	NONE		790.0	GCP	1		36.0		754.0			39
16,449.0													
2,402.3													
18,851.3													