

# Legend

# PUBLIC WORKS

<u>Column Number</u>	<u>Code</u>	<u>Description</u>
(1)	*	Indicates a project not previously shown in the CIP
(3)	A	Urgent
	B	Necessary
	C	Desirable
(4 & 7)	AA	Urban Area Projects
	AF	Athletic Fees
	BR	Bridge Replacement
	CD	Community Development Block Grant
	CF	Community Improvement Financing
	CO	Lancaster County
	DC	Developer Contribution
	FA	Federal Aids
	GF	Golf Capital Improvements
	GO	G.O. Bonds
	GR	General Revenues
	KF	Keno Funds
	LF	Landfill Revenues
	MF	Municipal Infrastructure Redevelopment Fund
	NE	State Revenue or Aid
	NH	National Highway System
	OF	Other Financing
	PB	Transportation Enhancement
	PP	STPP - Hazard Elimination
	RB	Revenue Bonds
	RT	Railroad Transportation Safety District
	S9	Section 9
	SC	Service Charges
	SF	State/Federal Funds
	SO	Highway Allocation Funds
	SR	Special Reserves
	TF	Tennis Fees
	TM	State - Train Mile Tax
	UF	User Fees
	UK	Unknown
	UR	Utility Revenues
	WR	City Residual Wheel Tax
	WC	City Wheel Tax New Construction
(9)	ICWP	In Conformance with the Plan
	GCP	Generally Conforms with the Plan
	NIP	Not Included in the Plan
	NICP	Not in Conformance with the Plan
(10)	0	Plans not needed
	1	Nothing done except this report
	2	Preliminary estimate received
	3	Surveys completed
	4	Work on plans scheduled
	5	Sketch plans in preparation
	6	Sketch plans completed
	7	Detail plans in preparation
	8	Detail plans completed

## ***Project Summary and Justification***

Department **Public Works & Utilities**  
Division **StarTran**

Since public acquisition of the Lincoln City Lines in 1971, StarTran has been providing efficient, convenient, and economical public transportation services. The services provided comply with the current Comprehensive Regional Plan. Previous capital improvement programs have included equipment essential in StarTran's provision of services. The FY 2000-2006 CIP describes capital items which will afford the opportunity for continued improvement of StarTran services. The one-year, FY 2000-2001, program is comprised of the third phase of the purchase of 20 replacement transit buses. Future years include continued replacement of additional StarTran transit vehicles and purchase of associated equipment/items.

### **Project 1 Purchase of Full-size Buses**

Funds have been proposed, beginning FY 1998-99 and ending in FY 2001-2002, to purchase 20 full-size replacement transit vehicles, with those vehicles to be purchased over a 4-year period with delivery in F.Y. 2001-2002. Local funding for the purchase of the 20 vehicles is comprised of City of Lincoln general revenues, a portion of the funds received from the University of Nebraska per the portion of the StarTran/UNL Transportation Program designated for vehicle replacement and a portion of FY 1997-1998 carryover funds. The Federal Transit Administration (FTA) has issued regulations which enable such phasing of buses as an alternate to the traditional direct purchase of vehicles. The twenty full-size transit vehicles will replace twenty current StarTran buses, all of which will exceed twelve years of operation by FY 2001-2002. Federal Transit Administration requires that full-size transit vehicles have an operational economic life of twelve years, although StarTran has, and will likely to continue to, operate buses longer than the twelve-year life until replacement vehicles are acquired. Funds are also proposed in FY 2002-2003 to begin the accumulation of funding for replacement of 21 additional full-size transit vehicles, continuing a scheduled/programmed vehicle replacement program. An evaluation was completed in 1994, and is updated annually, which analyzes the current structural and engine conditions of the StarTran fleet and determines a proposed replacement schedule of StarTran buses. The proposed purchase of 20 replacement transit vehicles in FY 1998-99 through 2001-2002, and subsequent continued vehicle replacement beginning in FY 2002-2003 is in compliance with the StarTran vehicle replacement program.

### **Project 2 Purchase of Supervisor Vehicles**

Funds are proposed in FY 2001-02, FY 2002-03 and FY 2004-05 to purchase three replacement supervisor vehicles. The vehicles to be replaced are a 1992 Ford Tempo sedan, a 1996 Dodge Caravan and a 1996 Dodge Intrepid - analyses are conducted evaluating the vehicle conditions and which will justify the need to replace the three subject vehicles. One of the replacement vehicles is proposed to be of a mini-van style, with 7-9 seats similar to the mini-van supervisor vehicle currently in service. Such a vehicle has met some unique needs of StarTran supervisors, as supplies and schedules are transported, and patrons are able to be carried as necessary. The mini-van style of vehicle has also afforded an opportunity for promotion of StarTran services by including the StarTran colors/logo on the vehicles.

### **Project 3 Shop Tools/Equipment**

Funds are proposed in each fiscal year for continued routine upgrade and replacement of tools and equipment, as well as for replacement due to unexpected breakage. Such tools and equipment include the replacement of the scrubber, air dryer, brake lathe, and replacement garage doors.

## ***Project Summary and Justification (cont.)***

### **Project 4 Computer Hardware/Software**

Funds are proposed in FY 2000-2001, FY 2002-03 and FY 2004-2005 for continued routine upgrade/replacement of StarTran computer hardware and software. Such funding will afford the opportunity for maintaining effective computer services for StarTran administration, operators, and maintenance functions. Staff training courses utilizing computerized programs are integrated as part of the continuing StarTran training program.

### **Project 5 Purchase of Bus Passenger Benches**

Fourteen bus benches are proposed to be purchased in FY 2000-2001 and an additional thirty six benches in FY 2001-2002. These bus benches would replace existing benches which are damaged beyond repair and to expand the number of benches available on the StarTran routes. The provision of bus benches is a passenger amenity program which patrons have indicated to be desirable to facilitate their utilization of StarTran services.

### **Project 6 Purchase of Bus Passenger Shelters**

Ten bus passenger shelters are proposed to be purchased in FY 2000-2001 and an additional ten shelters in FY 2005-2006. StarTran patrons have consistently emphasized the desirability of shelters to facilitate their utilization of StarTran services. Shelters are located at key locations on the StarTran routes. When possible, adjacent property owners, particularly employers, participate in the necessary construction costs and in the cleaning of the shelter.

### **Project 7 Purchase of Shredder**

The paper shredder utilized by StarTran was installed in FY 1993-94. Such equipment has a typical economic life of approximately 5 to 7 years, so funds are included in FY 2000-2001 for replacement. The paper shredder has been an effective means of destroying used paper fare devices to insure that such devices are not reused.

### **Project 8 Purchase of Coin Counter**

The current StarTran coin counter was installed in FY 1993-94. Funds are included in FY 2000-2001 to replace the coin counter, as the economic life will have been passed. The current StarTran coin counter increases the efficiency of StarTran staff when counting/sorting revenues.

### **Project 9 Purchase of Replacement Service Vehicles**

Funds are included in FY 2000-01 to replace the 1985 Chevrolet 1-ton utility vehicle with a 1 ½ -ton 4 x 4 utility vehicle, with air compressor, battery booster, snow blade, and sander. This vehicle, in FY 2000-01, will be 16 years old, and the current significant structural deterioration will be increased. This vehicle is utilized on generally a daily basis to service StarTran buses, including towing, jump starting, fluid replacement, and, in the winter, sanding and plowing in spatially restricted areas (i.e., near shelters, etc.). Funds are included in FY 2004-2005 to replace the 1995 Ford 1 ½- ton Flat-bed truck. This vehicle is utilized by StarTran maintenance staff as a general service vehicle (i.e., transport parts, print materials, etc., and for shelter/bench cleaning and repair, etc.).

### **Project 10 Replace South Shop Roof**

Funds are included in FY 2000-2001 to replace the roof located over the south shop. The current roof, while 12 years old, had only a 10-year warranty. There is a high potential of leakage at the seams, and breaking and shattering of the roof material at this age.

## ***Project Summary and Justification (cont.)***

### **Project 11 Bus Stop Signs**

Funds are included in FY 2000-2001 to purchase 1,000 StarTran bus signs. The signs were installed in 1988 - these signs were estimated to last approximately seven years at the time of their installation. The condition of these signs are, at this time, still good, but will be monitored and individually replaced as necessary.

### **Project 12 Bus Maintenance Facility and Associated Transit Improvements**

Funds are included in FY 2000-2001 to build a steel building on the east apron. The need for additional work bays and secure interior bus parking is limiting the effectiveness of the normal preventive maintenance program. This building would include three additional maintenance bays with hydraulic lifts to speed mechanical servicing. It will also include additional parts storage and a new classroom training area. Anticipated architectural and engineering costs are also included in this item.

### **Project 13 Handi-Van Replacement**

Funds are included for normal replacement of our current Handi-Van fleet. The fleet consists of 7 1995 Ford Vans which have an economic life of 7 years. Funds are programmed in FY 2001-02 and FY 2002-03 at which time these vehicles will be 7-8 years old.

### **Project 14 Bus Wash System**

Funds are included in FY 2005-06 for replacement of our drive through bus wash system. The wash system was purchased in 1994 and will have exceeded its normal operating life.

### **Project 15 Farebox Purchase**

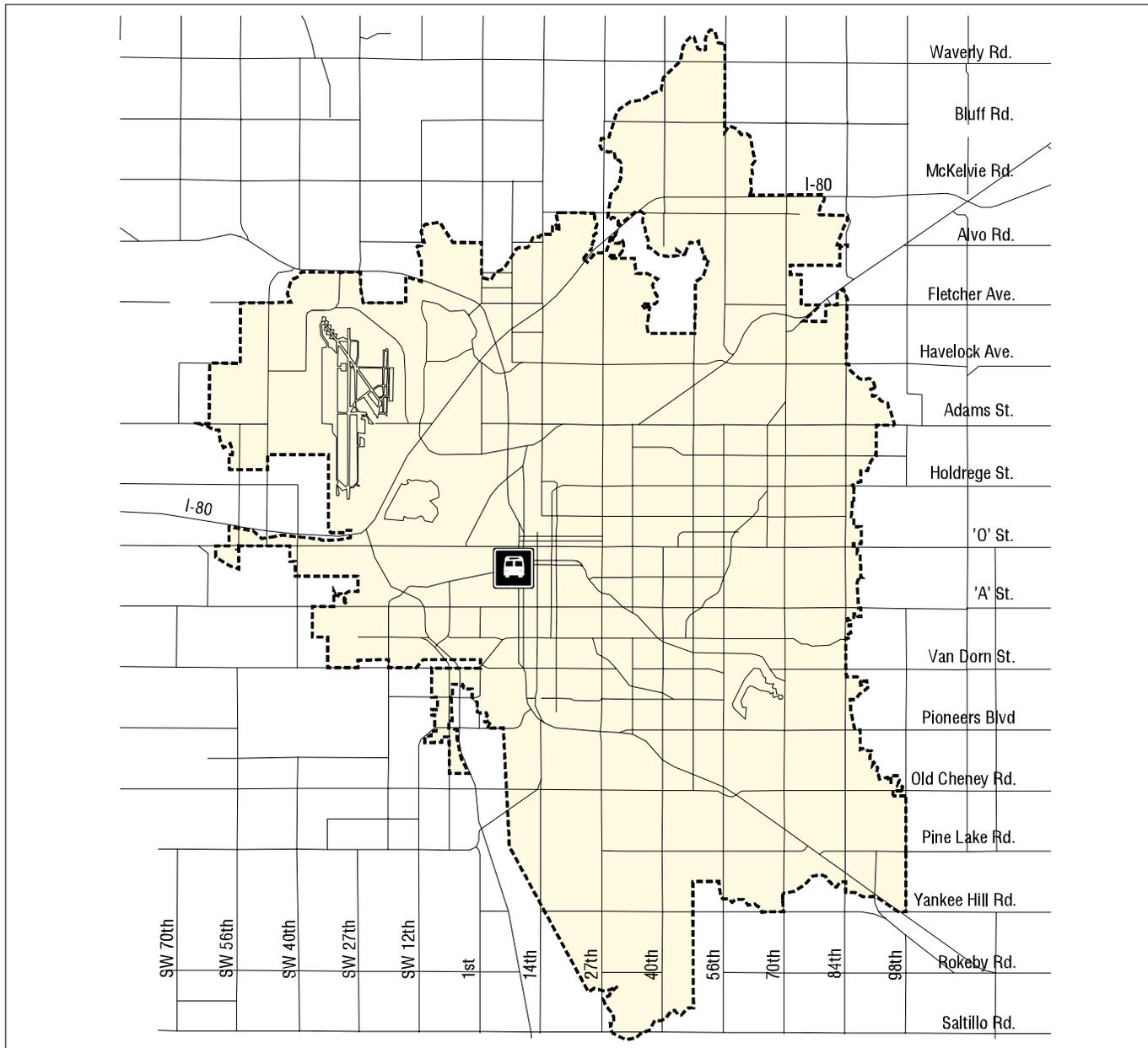
Funds are included in FY 2005-06 and 2006-07 for replacement of all bus fareboxes. Currently, the fareboxes are 13 years old. The fareboxes have exceeded their normal operating life. Replacement of fareboxes will afford the opportunity to effectively collect accurate passenger fares and process fare structure information for routine analysis. StarTran will have the potential to implement the "smart card" technology which will allow patrons to utilize a debit card to make fare transactions.

### **Project 16 Automated Schedule Voice Response System**

Funds are included in FY 2005-2006 to purchase a voice response system that gives route information to customers during non-business hours. The voice response system also minimizes the need to hire additional staff to give out route information after business hours.

# Lincoln CIP 2000 - 2006

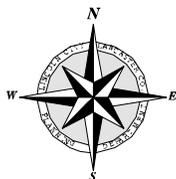
# StarTran



**L  
e  
g  
e  
n  
d**

## Lincoln Future Service Limit Shown as Grey

Map prepared by  
City - Co. Planning Dept  
GIS Section



StarTran Garage

**List of Projects**

Department: **Public Works**  
Division: **StarTran**

Project Number	Project Title
1	Purchase of 21 Full Size Buses
2	Supervisors Vehicles
3	Shop Tools / Equipment
4	Computer (Hardware & Software)
5	Benches
6	Shelters
7	Shredder
8	Coin/Bill Counter
9	Service Vehicle
10	South Roof (replacement)
11	Bus Stop Signs
12	Maintenance Building
13	Handi-Van replacement
14	Bus Wash System
15	Farebox Purchase
16	Automated Schedule Voice Response System

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

2000 - 2006 CAPITAL IMPROVEMENT PROGRAM

DIVISION: STARTRAN

(1) PROJ. NO.	(2) PROJECT TITLE	(3) PROJ. PRIO.	5% Inflation per year (4)												
			PROGRAMMED EXPENDITURES & FUNDING SOURCES (FS) (000's)												
			2000-2001	FS	2001-2002	FS	2002-2003	FS	2003-2004	FS	2004-2005	FS	2005-2006	FS	
1	Purchase/Financing of 20 Full Size Buses	A	863.2 FA 55.7 GR 121.1 SR1		1,726.4 FA 155.0 GR 100.3 SR1 98.3 SR2										
1A	Purchase/Financing of 21 Full Size Buses	A					769.5 FA 141.3 GR 16.3 SR		1,151.3 FA 149.8 GR 86.0 SR		1,077.0 FA 134.6 GR 86.0 SR		899.4 FA 90.2 GR 94.0 SR		
2	Purchase of Supervisors Vehicles	A			20.0 FA 5.0 GR		20.8 FA 5.2 GR				17.6 FA 4.4 GR				
3	Shop Tools/Equipment	A	36.2 FA 9.1 GR		37.0 FA 9.2 GR		25.6 FA 6.4 GR		21.2 FA 5.3 GR		25.6 FA 6.4 GR		28.8 FA 7.2 GR		
4	Computer Hardware & Software	A	14.4 FA 3.6 GR				16.0 FA 4.0 GR				17.6 FA 4.4 GR				
5	Purchase of Bus Passenger Benches	A	11.8 FA 2.9 GR		30.2 FA 7.6 GR										
6	Purchase of Bus Passenger Shelters	A	32.0 FA 8.0 GR										36.0 FA 9.0 GR		
7	Purchase of Shredder	A	8.0 FA 2.0 GR												
8	Purchase of Coin Counter	A	8.0 FA 2.0 GR												
9	Purchase of Replacement Service Vehicles	A	44.0 FA 11.0 GR								36.0 FA 9.0 GR				
10	Replace South Shop Roof	A	108.0 FA 27.0 GR												
11	Bus Stop Signs	A	4.8 FA 1.2 GR												
12	Maintenance Building	A	1,000.0 FA 250.0 SR												
13	HandiVan Vehicle Replacement	A			125.5 FA 25.7 GR		281.2 FA 57.6 GR								
14	Bus Wash System	A											80.0 FA 20.0 GR		
15	Farebox Purchase	A											105.6 FA 26.4 GR		

(5)	(6)	(7)		(8)	(9)	(10)	(11)						(1)	
TOTAL FOR SIX YEARS (000's)	COST BEYOND 2005-2006 (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.	
		YEAR	FS				PRELIM PLANS	FINAL PLANS	LAND ACQUISITION	CONST	EQUIP / FURNISH	OTHER (EXPLAIN)		
2,589.6	None	None		2,589.6	GCP	2						3,120.0		1
210.7				210.7										
221.4				221.4										
98.3				98.3										
3,897.2	None	None		3,897.2	GCP	2						4,695.4		1A
515.9				515.9										
282.3				282.3										
58.4	None	None		58.4	GCP	2						73.0		2
14.6				14.6										
174.4	None	None		174.4	GCP	0						218.0		3
43.6				43.6										
48.0	None	None		48.0	GCP	2						60.0		4
12.0				12.0										
42.0	None	None		42.0	GCP	2						52.5		5
10.5				10.5										
68.0	None	None		68.0	GCP	2						85.0		6
17.0				17.0										
8.0	None	None		8.0	GCP	2						10.0		7
2.0				2.0										
8.0	None	None		8.0	GCP	2						10.0		8
2.0				2.0										
80.0	None	None		80.0	GCP	2						100.0		9
20.0				20.0										
108.0	None	None		108.0	GCP	2						135.0		10
27.0				27.0										
4.8	None	None		4.8	GCP	2						6.0		11
1.2				1.2										
1,000.0	None	None		1,000.0	GCP	8						1,250.0		12
250.0				250.0										
406.7	None	None		406.7	GCP	2						490.0		13
83.3				83.3										
80.0	None	None		80.0	GCP	2						100.0		14
20.0				20.0										
105.6	None	None		105.6	GCP	2						132.0		15
26.4				26.4										

2000-2006 CAPITAL IMPROVEMENT PROGRAM

DIVISION: STARTRAN

(1) PROJ. NO.	(2) PROJECT TITLE	(3) PROJ. PRIO.	5% Inflation per year (4)													
			PROGRAMMED EXPENDITURES & FUNDING SOURCES (FS) (000's)													
			2000-2001	FS	2001-2002	FS	2002-2003	FS	2003-2004	FS	2004-2005	FS	2005-2006	FS		
16	Automated Schedule Voice Response System	A														24.0 FA 6.0 GR
<b>FUNDING SOURCE BREAKDOWN:</b>																
	FA (Federal Aid)		2,130.4		1,939.1		1,113.1		1,172.5		1,173.8					1,173.8
	GR (General Revenue)		122.5		202.5		214.5		155.1		158.8					158.8
	SR1 (Special Reserves)		121.1		100.3		16.3		86.0		86.0					94.0
	SR2 (Special Reserves)		0.0		98.3		0.0		0.0		0.0					0.0
	SR3 (Special Reserves)		250.0		0.0		0.0		0.0		0.0					0.0
	DIVISION TOTAL		=====		=====		=====		=====		=====					=====
			2,624.0		2,340.2		1,343.9		1,413.6		1,418.6					1,426.6

(5)	(6)	(7)		(8)	(9)	(10)	(11)					(1)		
TOTAL FOR SIX YEARS (000's)	COST BEYOND 2005-2006 (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)	
24.0	None	None		24.0	GCP	2						30.0		16
6.0				6.0										
8,702.7				8,702.7										
1,012.2				1,012.2										
503.7				503.7										
98.3				98.3										
250.0				250.0										
=====														
10,566.9				10,566.9								10,566.9		