

**d** City of Lincoln: StarTran

## Project Summary

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

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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 2025 Comprehensive Regional Plan. Previous capital improvement programs have included equipment essential in StarTran's provision of services. The F.Y. 2006-2012 CIP describes capital items which will afford the opportunity for continued improvement of StarTran services. Future years include continued replacement of additional StarTran transit vehicles and purchase of associated equipment/items.

1. Project No. 1- Purchase of Full-size Buses

A phased purchase of full-size replacement transit buses is identified, as follows:

<u>Buses Purchased</u>	<u>Funding Accumulated</u>	<u>Potential Replacement Buses</u>	<u>Delivery</u>
15	F.Y. 2004-05 through F.Y. 2006-07	11 1986 & 4 1993 Flexible Buses	F.Y. 2006-07
15	F.Y. 2007-08 through F.Y. 2010-11	15 1997 Gillig Buses	F.Y. 2010-11
20	F.Y.2011-12 through F.Y. 2015-16	20 2001 Gillig Buses	F.Y. 2015-16

Local funding for the above bus purchases is comprised of City of Lincoln general revenues and the portion of the contractual funds from the University of Nebraska (StarTran/UNL Transportation Program) designated for vehicle replacement. The Federal Transit Administration (FTA) regulations allow phasing of bus purchases as an alternate to the traditional direct purchase of buses. FTA requires that full-size transit vehicles have a twelve-year economic life, although StarTran typically operates buses more than twelve years before replacement. All of the current buses being replaced as indicated above will have exceeded the required twelve years of operation. An analysis of the structural and engine conditions of the StarTran fleet is conducted annually, which is utilized to develop the replacement program of StarTran buses. The above phased bus replacement schedule is in compliance with the most recent analyses and bus replacement program.

2. Project No. 2 – Purchase New Fareboxes, with Smart Cards

Funds are included in F.Y. 2007-08 for replacement of all bus fareboxes. Currently, the fareboxes are 15 years old and have exceeded their normal operating life. Replacement of fareboxes will afford the opportunity to continue to effectively collect accurate passenger fares and process fare structure information for routine analysis. StarTran is expected to

potentially implement the “smart card” technology in conjunction with the replacement of the fareboxes, which would enable patrons to utilize a debit card to make fare transactions. Such smartcard technology also has the potential to be implemented with other services such as paying parking fares. Total project cost is estimated at \$1,087,500. Funding will come from a combination of federal earmarked funds and regularly appropriated capital funds.

3. Project No. 3 - “G” Street Building Roof

Funds are included in F.Y. 2007-08 to replace the roof on the building located at 7th and “G” street. This building is currently used as an additional bus and parts storage area. The current roof is at least 30 years old and there is considerable leaking and deterioration on the roof. StarTran shares the building with Lincoln Parks & Recreation and Lincoln Fire Department. The funds programmed by StarTran would cover 70% of the cost of replacing the roof. The Parks & Recreation and Fire Department expected to cover the rest of the cost.

4. Project No. 4 - Purchase Transit Enhancements

Effective FY 2004-05, one percent of the FTA allocation to StarTran is required by FTA to fund transit enhancements. Such enhancements, in general, include bus shelters, signage, art, pedestrian, bicycle related equipment and landscaping. Initially, such funding will be directed to the rehabilitation of the 11<sup>th</sup> & “O”, Gold’s passenger facilities, now over 20 years old. When such restoration is completed, other such eligible facilities will be addressed. The purchase of bus shelters, originally scheduled for replacement in FY 2006-07, are not necessitated at this time due to adequate supply, so propose to defer replacement at a later time.

5. Project No. 5 - Purchase of Security Enhancements

Effective FY 2004-05, one percent of the FTA allocation to StarTran is required by FTA to fund security enhancements. Such enhancements, in general, include increased facility lighting, camera surveillance, and emergency telephone line to contact security personnel. Funds are included in every year for purchase of security cameras and recording equipment to be installed on all StarTran buses.

6. Project No. 6 - Purchase of Supervisor Vehicles

Funds are proposed in FY 2007-08 and FY 2009-10 to purchase three replacement Supervisor vehicles. The vehicles to be replaced are a 1996 Dodge Intrepid, 2002 Dodge Durango and a 2004 Chevy Venture. Analyses are conducted evaluating the vehicle conditions and which will justify the need to replace the three subject vehicles. The larger SUV and mini-van supervisor vehicles, with 7-9 seats, is meeting the unique needs of StarTran supervisors, transporting supplies and schedules, and carrying patrons as necessary.

7. Project No. 7 - Computer Hardware/Software

Funds are proposed in F.Y. 2006-07, F.Y. 2007-08 and F.Y. 2009-10 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.

8. Project No. 8 - 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 an additional brake lathe, and on-going replacement of garage doors.
9. Project No. 9 - Automated Vehicle Location Enhancements  
Funds are included in FY 2007-08 for the addition of components to the AVL system. These enhancements will increase the effectiveness StarTran operations and customer service. Such additions include on-board annunciators providing visual and audible stop announcements, web-based trip planner system and passenger information systems.
10. Project No. 10 - Bus Information Publication  
Funds are proposed in FY 2007-08, FY 2008-09 and FY 2010-11 for the design, production and printing of fare devices, route and schedule information. Funds are included every two years to update such information due to route changes and schedule adjustments.
11. Project No. 11 - Bus Graphics  
Funds are included in FY 2007-08 for the promotion of StarTran services via bus wraps on exterior of buses and Handi-Vans. Such promotional graphics has been successful in the past for promoting special events in order to increase ridership and revenue. Costs include design and production of advertising.
12. Project No. 12 - Handi-Van Replacement  
Funds are included in FY 2007-08 and FY 2008-09 to begin the accumulation of funding for replacement of current (purchased in 2003)Handi-Van vehicles. Federal Transit Administration specifies that Handi-Van type vehicles have an operational economic life of five years.
13. Project No. 13 - Replace Elevator in Administrative Area  
Funds are included in FY 2009-10 for the replacement of the elevator which provides ADA accessibility to the administrative area.
14. Project No. 14 - Purchase Bus Wash System  
Funds are included in FY 2008-09 and 2009-10 for replacement of the drive through bus wash system. The wash system was purchased in 1994 and will have exceeded its normal operating life.
15. Project No. 15 - Floor Scrubber  
Funds are included in F.Y. 2009-10 for the replacement of a floor scrubber. The current scrubber was purchased in 1982 and will have exceeded its normal operating life. The scrubber is utilized on all garage floors to effectively clean oil, grease and dirt build-up.
16. Project No. 16 - Building Maintenance  
Funds are included in FY 2009-10 and FY 2010-11 for necessary repairs to the StarTran building facilities. Such repairs include roof replacement, HVAC replacement, painting of offices and lighting replacement.

18. Project No. 18 - Purchase of Replacement Service Vehicle

Funds are included in F.Y. 2010-2011 to replace the 1996 Ford Service Vehicle. This vehicle, in FY 2010-11, will be 16 years old, and the current structural deterioration will be increased. This vehicle is utilized on a daily basis to service StarTran buses, including towing, jump starting, fluid replacement, and, in the winter, sanding and plowing.

***List of Projects***

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

<b>Project Number</b>	<b>Project Title</b>
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1. Purchase of Full Size Buses
2. Purchase New Fareboxes with Smart Cards
3. "G" Street Building Roof
4. Purchase Transit Enhancements
5. Purchase Security Enhancements
6. Purchase of Supervisor Vehicles
7. Computer Hardware/Software
8. Shop Tools/Equipment
9. Automated Vehicle location Enhancements
10. Bus Information publication
11. Bus Graphics
12. Handi-Van Replacement
13. Replace Elevator in Administrative Area
14. Purchase Bus Wash System
15. Floor Scrubber
16. Building Maintenance
17. Purchase of Replacement Service Vehicle

*Status of Previous Years Projects*

**Completed or Under Contract in FY 2005-2006**

1. Bus Storage Facility - Expansion
2. Shop Tools/Equipment
3. Computer Hardware and Software
4. Purchase of Transit Enhancements
5. Purchase of Security Enhancements
6. Implement AVL System

# interoffice

## MEMORANDUM

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**To:** Mike Brienzo - Engineering Services  
**From:** Brian Praeuner - StarTran *B.P.*  
**Date:** March 2, 2006  
**Subject:** Private Enterprise and Transportation Improvement Program  
**cc:** Karl Fredrickson - PW/U

PLEASE INCLUDE THE FOLLOWING AS PART OF THE F.Y. 2006-2007 & 2011-2012 TIP:

The January 24, 1986 Federal Register contains a requirement that documentation of review of the Transportation Improvement Program (TIP) Annual Element for conformance with the FTA private enterprise policies be provided. This memo responds to that requirement by documenting the results of the "Process for Private Sector Participation in Planning and Provision of Transit Services - Lincoln, Nebraska" as developed by the MPO on June 23, 1986, as follows:

1. Conduct and maintain an inventory of private-for-profit operators within Lincoln area and on national level (as provided by FTA).

Inventory of 7 "national" and 4 "local" private-for-profit operators compiled, utilizing local and FTA sources of information (see Attachment #1).

2. Provide reasonable notice and opportunity for comment to private-for-profit operators of proposed transportation plans and programs.

The StarTran portion of the draft F.Y. 2006-2007 & 2011-2012 Lincoln Lancaster County TIP was forwarded to all inventoried private-for-profit operators on February 1, 2005. This information was to:

- \* Provide reasonable notice of proposed transportation plans and programs;
- \* Provide opportunity for private operators to review and comment on existing, restructured, and new services;
- \* Provide opportunity for private operators to propose privately operated services for Lincoln's transit program.

Comments on the transit services described in the draft F.Y. 2006-2007 & 2011-2012 TIP and proposals for provision of privately operated services were to be received no later than February 28, 2006. See Attachment #2 for a sample of the February 6, 2006 letter to the private-for-profit operators.

3. Additional information provided as requested.

StarTran staff responded to questions from private operators as appropriate.

4. Development of a local procedure for comparing costs on any service proposals received versus public and non-public and nonprofit operations. Such a procedure should conform with generally accepted accounting principles and be fair and reasonable.

A local procedure for comparing costs of any service proposals received versus public and non-profit operations was developed and forwarded to FTA on September 26, 1986 for review and comment. That procedure was subsequently accepted by FTA officials. It was noted that a more specific cost comparison process will be developed and implemented when, and if, a RPF for specific transit service is distributed by the City as specific data will be required of proposers when submissions are provided.

5. The Technical Committee, Officials Committee and MPO to be advised of any service proposals received as a result of this process prior to their review and actions on the TIP. Evaluation of any proposals received will be expected to follow MPO action on the TIP but would be completed, with the appropriate documentation, prior to submittal of grant request.

We anticipate no submissions, contracts, or service proposals will be received from any of the national and local private-for-profit operators contacted. If proposals are received an evaluation of the proposals will be performed.

It is recommended that the Technical Committee, Officials Committee, and the MPO, as part of the review and action on the F.Y. 2006-2007 & 2011-2012 Transportation Improvement Program, acknowledge that the "Process for Private Sector Participation in Planning and Provision of Transit Services - Lincoln, Nebraska" was carried out and that no service proposals were received. It is also recommended that the StarTran portion of the draft F.Y. 2006-2007 & 2011-2012 Transportation Improvement Program can be approved as submitted.

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Brian Praeuner  
StarTran Planner

**Attachment #1**

Servant Cab Company  
320 West "P" Street  
Lincoln, NE 68528

Arrow State Lines  
4220 South 52<sup>nd</sup> Street  
Omaha, NE 68117-1309

Greyhound Bus Lines  
2601 North 11<sup>th</sup> Street, Suite 1  
Lincoln, NE 68521-2292

Mr. John Leudke  
Marketing Manager  
Mayflower Contract Services  
7741 West National Avenue  
Milwaukee, WI 53214

Mr. Ronald Moore, President  
Burlington Trailways  
906 Broadway  
West Burlington, IA 52655

Mr. S.C. Pederson  
National Marketing Manager  
VanPool Services, Inc.  
P.O. Box 159  
Detroit, MI 48288

Kevin August  
Director of Public Relations  
Laidlaw Transit, Inc.  
55 Shuman Blvd., Suite 400  
Naperville, IL 60563

First Transit  
One Centennial Plaza  
705 Central Avenue, Suite 300  
Cincinnati, OH 45202-5755

Ryder Truck Rental Inc.  
Director of Business Development  
3600 N.W. 82<sup>nd</sup> Avenue  
Miami, FL 33102-0816

Greyhound Lines, Inc.  
Ralph Borland, VP of Marketing  
P.O. Box 660362  
Dallas, TX 75266-0362

Good Life Tour & Travel  
2832 South 165<sup>th</sup> Avenue  
Omaha, NE 68130-1813

February 6, 2006



**CITY OF LINCOLN**  
**NEBRASKA**

MAYOR COLEEN J. SENG

lincoln.ne.gov

StarTran  
Public Works and Utilities Department  
710" Street  
Lincoln, Nebraska 68508  
402-441-7185  
fax: 402-441-7055



Servant Cab Company  
320 West P Street  
Lincoln, NE 68528

To Whom It May Concern:

In conformance with the guidance contained in the October 22, 1984 and January 24, 1986 Federal Registers regarding private enterprise participation in Federal Transit Administration Programs, enclosed is a copy of the StarTran portion of the draft 2006/07-2011/12 Lincoln-Lancaster County, Nebraska Transportation Improvement Program (TIP).

This information is being forwarded to both Lincoln and national private-for-profit operators to provide reasonable notice of proposed transportation plans and programs and opportunity for private operators to review and comment on existing, special services restructured, and new services and to propose privately operated services for Lincoln's transit program. Additional information regarding the attached program will be provided upon request by contacting this department.

Comments on the transit services described in the enclosed program and proposals for the provision of privately operated services for Lincoln's transit program are to be received by me no later than February 28, 2006. Proposals received will be evaluated in a manner consistent with Federal Transit Administration (FTA) policies, and proposers will be advised of the results of that evaluation in a timely manner.

Sincerely,

A handwritten signature in black ink that reads "Brian Praeuner".

Brian Praeuner  
Planner

Enclosure

cc: Shannon Graves - FTA, Region VII

TIP ltr

**2007 - 2012 LINCOLN CITY/LANCASTER COUNTY, NEBRASKA  
TRANSPORTATION IMPROVEMENT PROGRAM**

AGENCY: Public Works  
DIVISION: StarTran

FORM A

(1)	(2)	(3)	(4)										
PROJ. NO.	PROJECT TITLE	PROJ. Prio.	PROGRAMMED EXPENDITURES & FUNDING SOURCES (FS) (000's)										
			2006-2007 FS	2007-2008 FS	2008-2009 FS	2009-2010 FS	2010-2011 FS	2011-2012 FS					
1	Purchase / Financing of Full Size Buses	A											
	a. 15 Full Size Buses		1,245.0 FA 255.0 GR										
	b. 15 Full Size Buses	A		950.4 FA 100.6 GR 94.0 SR									
	c. 20 Full Size Buses	A										1,245.0 FA 161.0 GR 94.0 SR	
2	Purchase New Fareboxes, with SMART Cards	B		65.0 FA 16.0 GR									
3	G Street Building Roof Replacement	B		40.0 FA 10.0 GR									
4	Transit Enhancements (required by FTA)	B	23.0 FA 5.7 GR	23.0 FA 5.7 GR	23.0 FA 5.7 GR	23.0 FA 5.7 GR	23.0 FA 5.7 GR	23.0 FA 5.7 GR	23.0 FA 5.7 GR	23.0 FA 5.7 GR	23.0 FA 5.7 GR	23.0 FA 5.7 GR	
5	Security Enhancements (required by FTA)	B	32.0 FA 8.0 SR	32.0 FA 8.0 GR	32.0 FA 8.0 GR	32.0 FA 8.0 GR	32.0 FA 8.0 GR	32.0 FA 8.0 GR					
6	Purchase of Supervisor Vehicle	B		41.6 FA 10.4 GR			26.4 FA 6.6 GR						
7	Computer Hardware and Software	B	17.6 FA 4.4 SR	16.0 FA 4.0 GR			16.0 FA 4.0 GR						
8	Shop Tools / Equipment	B		25.6 FA 6.4 GR	20.0 FA 5.0 GR								
9	AVL Enhancements	B		40.0 FA 10.0 GR			40.0 FA 10.0 GR	40.0 FA 10.0 GR	40.0 FA 10.0 GR	40.0 FA 10.0 GR	40.0 FA 10.0 GR	40.0 FA 10.0 GR	
10	Bus Information Publications	C		24.0 FA 6.0 GR	24.0 FA 6.0 GR				24.0 FA 6.0 GR				
11	Bus Graphics	C		8.0 FA 2.0 GR									
12	Handivan Vehicle Replacement	C		400.0 FA 81.9 GR	85.6 FA 17.6 GR								
13	Replace Elevator in Admin Bldg.	C					48.0 FA 12.0 GR						
14	Purchase Bus Wash System	C			80.0 FA 20.0 GR		80.0 FA 20.0 GR						
15	Floor Scrubber	C					40.0 FA 10.0 GR						
16	Bldg Maintenance and Renovations	C					80.0 FA 20.0 GR	160.0 FA 40.0 GR					
17	Replace Service Vehicle	C						48.0 FA 12.0 GR					
	Totals Federal	FA	1,317.6 FA	1,665.6 FA	1,215.0 FA	1,335.8 FA	1,277.4 FA	1,340.0 FA					
	General Revenue	GR	273.1 GR	261.0 GR	162.9 GR	196.9 GR	182.3 GR	184.7 GR					
	Special Reserves	SR	0.0 SR	94.0 SR	94.0 SR	94.0 SR	94.0 SR	94.0 SR					
	DIVISION TOTAL:		1,590.7	2,020.6	1,471.9	1,626.7	1,553.7	1,618.7					

(5)	(6)	(7)		(8)	(9)	(10)	(11)						(1)
SIX YEARS (000's)	COST BEYOND 2011-2012 (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 ACQUI- TION	CONST	EQUIP / FURNISH	OTHER (EXPLAIN)	
1,500.0		923.3	04-05	3,842.8	GCP	2						1,500.0	1
4,580.0		1,419.5	05-06	4,580.0	GCP	2						4,580.0	
1,500.0				1,500.0	GCP	2						1,500.0	
81.0		226.4	03-04	307.4	GCP	2						81.0	2
50.0				50.0	GCP	2						50.0	3
172.2				172.2	GCP	2						172.2	4
240.0				240.0	GCP	2						240.0	5
85.0				85.0	GCP	2						85.0	6
62.0				62.0	GCP	2						62.0	7
57.0				57.0	GCP	2						57.0	8
200.0				200.0	GCP	2						200.0	9
90.0				90.0	GCP	2						90.0	10
10.0				10.0	GCP	2						10.0	11
585.1				585.1	GCP	2						585.1	12
60.0				60.0	GCP	2						60.0	13
200.0				200.0	GCP	2						200.0	14
50.0				50.0	GCP	2						50.0	15
300.0				300.0	GCP	2						300.0	16
60.0				60.0	GCP	2						60.0	17
9,882.3		2,569.2		12,451.5								9,882.3	

**2007 - 2012 LINCOLN CITY/LANCASTER COUNTY, NEBRASKA  
TRANSPORTATION IMPROVEMENT PROGRAM**

AGENCY: Public Works  
DIVISION: StarTran

FORM A

(1)	(2)	(3)	(4)										
PROJ. NO.	PROJECT TITLE	PROJ. PRIO.	PROGRAMMED EXPENDITURES & FUNDING SOURCES (FS) (000's)										
			2006-2007	FS	2007-2008	FS	2008-2009	FS	2009-2010	FS	2010-2011	FS	2011-2012
	OPERATIONS FUNDING SOURCE SUMMARY												
	Fixed Route Operation & Specialized Transportation Services for Lincoln, NE												
	Section 5307 Preventative Maintenance		1,350.0		1,375.0		1,400.0		1,425.0		1,425.0		1,425.0
	Section 5307 ADA		200.0		200.0		200.0		200.0		200.0		200.0
	NE (State Revenue/Aids)		133.0		133.0		133.0		133.0		133.0		133.0
	GR (General Revenues - Local Funds)		6,020.0		6,220.0		6,400.0		6,500.0		6,700.0		6,900.0
	SC (Service Charges - Local Funds)		1,394.0		1,400.0		1,400.0		1,500.0		1,500.0		1,500.0
	Total Funding		9,097.0		9,328.0		9,533.0		9,758.0		9,958.0		10,158.0
	<b>Note:</b> <b>For planning purposes, these projects have been accepted by the City. Substitution of categories of federal funds are acceptable and will not require a TIP revision."</b>												

(5)	(6)	(7)		(8)	(9)	(10)	(11)					(1)
SIX YEARS (000's)	COST BEYOND 2011-2012 (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 ACQUI- TION	CONST	EQUIP / FURNISH	
8,400.0												
1,200.0												
798.0												
38,740.0												
8,694.0												
57,832.0												