



# City of Lincoln: StarTran

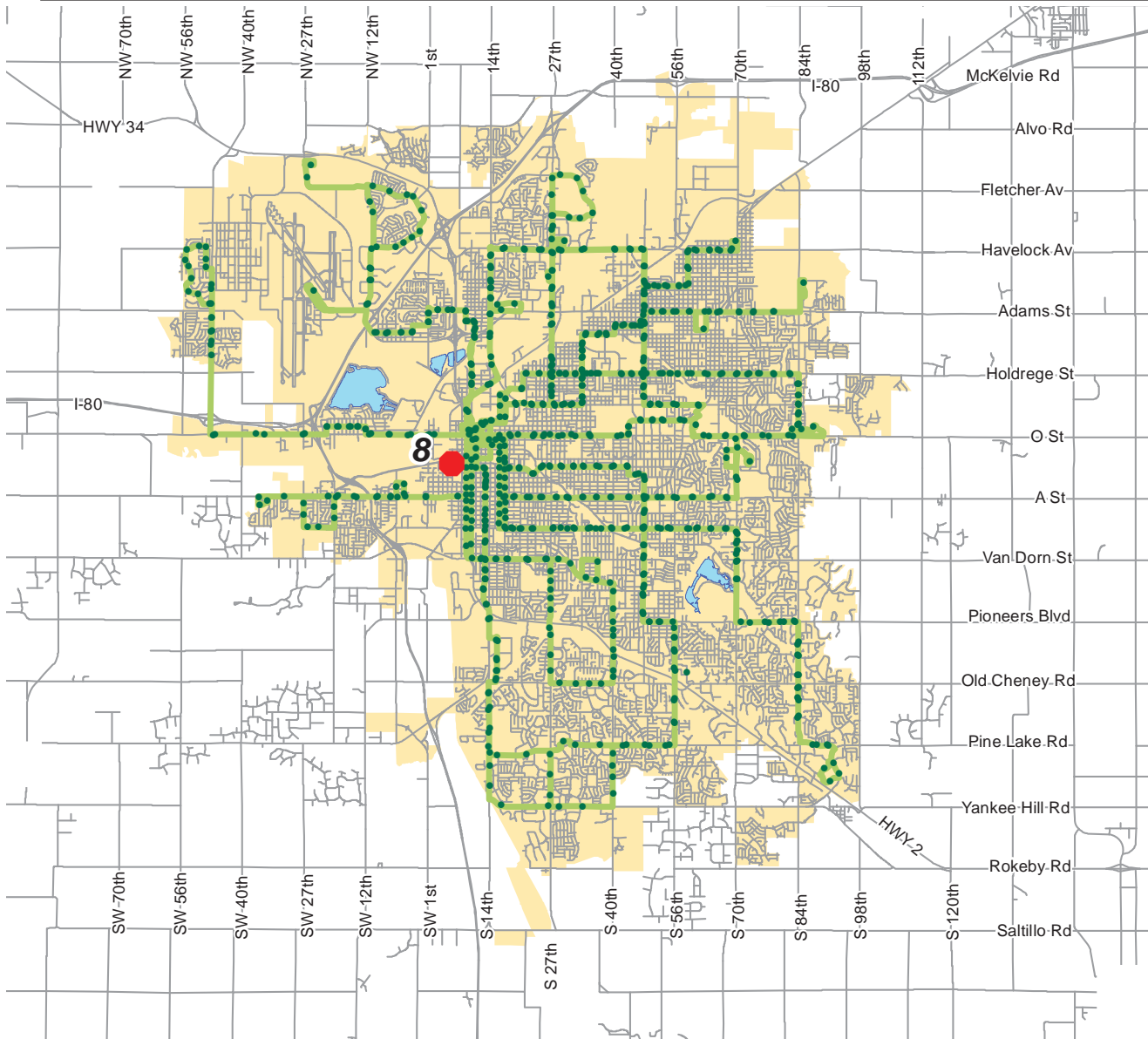
*Lincoln Metropolitan Planning Organization*  
**Transportation Improvement Program**

**Star Tran**  
*FY 2018 - 2021*



● Star Tran Projects

**#8 Building Renovation**



*Consult the detailed project descriptions and funding summary for further information.*

2018-2021 LINCOLN CITY/LANCASTER COUNTY, NEBRASKA TRANSPORTATION IMPROVEMENT PROGRAM		AGENCY: Public Works & Utilities DIVISION: StarTran																		
PROJ NO (Map)	PROJECT (Location & Distance) (Improvement Description)  (Control Number)	PROGRAMMED EXPENDITURES & FUNDING SOURCES (FS)																		
		PRIORITY PROJECTS					COST BEYOND PROGRAM	TOTAL PROJECT COSTS												
		PRIOR FISCAL YEARS FS	2017-18 FS	2018-19 FS	2019-20 FS	2020-21 FS														
1	<p>Since the 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 LPlan 2040 Comprehensive Plan - 2016 Update. Previous capital improvement programs have included equipment essential in StarTran's provision of services. The FY 2018-2021 TIP describes capital items which will afford the opportunity for continued improvement of StarTran services. Future years include continued replacement of StarTran transit vehicles and purchase of associated equipment/items.</p> <p><b>Purchase / Financing of Full Size Buses</b> A phased purchase of full-size replacement transit buses is identified as follows:</p> <table border="0"> <tr> <td><u>Buses Purchased</u></td> <td><u>Funding Accumulated</u></td> <td><u>Potential Replacement</u></td> <td><u>Delivery</u></td> </tr> <tr> <td>8</td> <td>FY 2015-16 through FY 2017-18</td> <td>8 - 2001 Gillig Buses</td> <td>CY 2018</td> </tr> <tr> <td>9</td> <td>FY 2018-19 through FY 2019-20</td> <td>9-2004 Gillig Buses</td> <td>CY2020</td> </tr> </table> <p>Local funding for the above bus purchases is comprise 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 analysis and bus replacement program. Propulsion type (CNG, Diesel, Electric) will be based upon the Alternative Fuel Vehicle Analysis.</p> <p>a. 8 Full Size Buses</p> <p>b. 9 Full Size Buses</p>	<u>Buses Purchased</u>	<u>Funding Accumulated</u>	<u>Potential Replacement</u>	<u>Delivery</u>	8	FY 2015-16 through FY 2017-18	8 - 2001 Gillig Buses	CY 2018	9	FY 2018-19 through FY 2019-20	9-2004 Gillig Buses	CY2020							
<u>Buses Purchased</u>	<u>Funding Accumulated</u>	<u>Potential Replacement</u>	<u>Delivery</u>																	
8	FY 2015-16 through FY 2017-18	8 - 2001 Gillig Buses	CY 2018																	
9	FY 2018-19 through FY 2019-20	9-2004 Gillig Buses	CY2020																	
	<b>TOTAL</b>	0.0	1,983.2	1,932.5	2,665.3	2,198.4	0.0	8,779.4												
2	<p><b>Handi-Van Replacement</b> Accumulate funding to replace 11 Handivans in 2022, that will be six years old and at the end of their useful life. Due to limited federal and local funds, replacement handi-vans will be the lower cost of hybrid/alternative fuels. Propulsion types will be based upon the Alternative Fuel Vehicle Analysis. Funding will begin in 2022.</p>						830.0 170.0													
	<b>TOTAL</b>	0.0	0.0	0.0	0.0	0.0	1,000.0	1,000.0												
3	<p><b>Transit Enhancements (required by FTA)</b> Effective FY 2004-05, one percent of the FTA allocation to StarTran is required by FTA to fund transit enhancements. Such enhancement, in general, include bus shelters, signage, pedestrian, bicycle related equipment and landscaping. The priority of these funds will be directed towards replacement of benches and shelters at major boarding locations. Because of limited funds for transit enhancements, funding will be phased over a period until projects are completed.</p>		32.0 FA 8.0 SR	32.0 FA 8.0 SR	32.0 FA 8.0 SR	32.0 FA 8.0 SR														
	<b>TOTAL</b>	0.0	40.0	40.0	40.0	40.0	0.0	160.0												
4	<p><b>Security Enhancements (required by FTA)</b> 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 facility access. The priority of these funds will be directed towards 1) StarTran facility exterior security enhancements and 2) bus shelter lighting improvements. Facility security enhancements will be implemented based upon a comprehensive analysis conducted in FY 2012/2013.</p>		32.0 FA 8.0 SR	32.0 FA 8.0 SR	32.0 FA 8.0 SR	32.0 FA 8.0 SR														
	<b>TOTAL</b>	0.0	40.0	40.0	40.0	40.0	0.0	160.0												

2018-2021 LINCOLN CITY/LANCASTER COUNTY, NEBRASKA TRANSPORTATION IMPROVEMENT PROGRAM		AGENCY: Public Works & Utilities DIVISION: StarTran											
PROJ NO (Map)	PROJECT (Location & Distance) (Improvement Description)  (Control Number)	PROGRAMMED EXPENDITURES & FUNDING SOURCES (FS)											
		PRIORITY PROJECTS					COST BEYOND PROGRAM	TOTAL PROJECT COSTS					
		PRIOR FISCAL YEARS	FS	2017-18	FS	2018-19			FS	2019-20	FS	2020-21	FS
5	<b>Purchase of Supervisor Vehicle</b> Funds are proposed in FY 2018-19 to purchase one replacement supervisor vehicles. The vehicle to be replaced is a 2010 Equinox. This SUV supervisor vehicle is meeting the unique needs of StarTran Supervisors, transporting supplies and schedules, and carrying patrons as necessary. Due to limited federal and local funds, replacement vehicle will be the lower cost of either gasoline or hybrid / alternative fuels. Propulsion type will be based upon the Alternative Fuel Vehicle Analysis.					28.0 FA 7.0 SR							
<b>TOTAL</b>		0.0		0.0		35.0		0.0		0.0		0.0	35.0
6	<b>Computer Hardware and Software</b> Funds are proposed in FY 2017-18, FY 2018-19 and 2019-20 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. Funding in 2017-18 is to purchase computer hardware and software for handivan and fixed route scheduling software. FY 2018-19 and FY 2019-20 is to purchase replacement AVL equipment for all vehicles over a two year period.			256.0 FA 64.0 SR		560.0 FA 140.0 SR		400.0 FA 100.0 SR					
<b>TOTAL</b>		0.0		320.0		700.0		500.0		0.0		0.0	1,520.0
7	<b>Shop Tools / Equipment</b> Funds are proposed every 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 air compressor, floor scrubber and vehicle lifts.			12.0 FA 3.0 SR		28.0 FA 7.0 SR		16.0 FA 4.0 SR		16.0 FA 4.0 SR			
<b>TOTAL</b>		0.0		15.0		35.0		20.0		20.0		0.0	90.0
8	<b>Building Renovations / Improvements</b> Funds are included in FY 2017-18 for concrete replacement and interior replacements for carpet, paint, etc. including a new training room with driving simulator equipment. In FY 2017-18, funds needed to replace the roof located over dispatch and middle garage. The current roof was installed in 1997 with a 15 year warranty and will be 20 years old by 2017. The condition of this roof is showing signs of deterioration and minor leaks. Other projects include HVAC and restroom replacements. FY 2018-19 funds are for LED lighting throughout the facility.			160.0 FA 40.0 SR		280.0 FA 70.0 SR		160.0 FA 40.0 SR					
<b>TOTAL</b>		0.0		200.0		350.0		200.0		0.0		0.0	750.0
9	<b>Maintenance Facility Construction / Relocation</b> A. Funds are proposed in 2017-18 to purchase and construct a new bus maintenance facility.  B. Purchase and install a CNG fueling station at current StarTran Facility for Handi-van vehicles.			3,160.9 FA 825.0 ST 736.3 SR									
<b>TOTAL</b>		0.0		5,202.9		0.0		0.0		0.0		0.0	5,202.9
10	<b>Multi Modal Center - Feasibility Study</b> Conduct a study to determine the feasibility of constructing a new multi modal center and bus transfer center. Topics to study include site selection, environmental issues and funding.			100.0 FA 25.0 SR									
<b>TOTAL</b>		0.0		125.0		0.0		0.0		0.0		0.0	125.0
11	<b>Bus Shelter Design Standards</b> Conduct a study to determine the appropriate bus shelter design standards as the designated bus stop program is implemented. Standards should address aesthetics, functionality and costs all within the framework of the Transit Development Plan Bus Stop Standards and branding initiative.			40.0 FA 10.0 SR									
<b>TOTAL</b>		0.0		50.0		0.0		0.0		0.0		0.0	50.0

2018-2021 LINCOLN CITY/LANCASTER COUNTY, NEBRASKA TRANSPORTATION IMPROVEMENT PROGRAM		AGENCY: Public Works & Utilities DIVISION: StarTran									
PROJ NO (Map)	PROJECT (Location & Distance) (Improvement Description)  (Control Number)	PROGRAMMED EXPENDITURES & FUNDING SOURCES (FS)									
		PRIORITY PROJECTS					COST BEYOND PROGRAM	TOTAL PROJECT COSTS			
		PRIOR FISCAL YEARS	FS	2017-18	FS	2018-19			FS	2019-20	FS
<b>FUNDING SUMMARY</b>											
<b>FEDERAL</b>											
Federal				5,216.8		2,175.0		2,455.0		1,495.0	11,341.8
State / Federal											
General Revenue				1,934.3		957.5		1,010.3		803.4	4,705.5
Special Reserves											
<b>TOTAL</b>		<b>0.0</b>		<b>7,151.1</b>		<b>3,132.5</b>		<b>3,465.3</b>		<b>2,298.4</b>	<b>16,047.3</b>
<b>OPERATIONS FUNDING SOURCE SUMMARY</b>											
Fixed Route Operations & Specialized Transportation Services for Lincoln, NE											
Section 5307 Preventative Maintenance				1,350.0		1,350.0		1,350.0		1,350.0	8,100.0
Section 5307 Operating and JARC - StarTran				75.0		75.0		75.0		75.0	450.0
Section 5307 Operating and JARC - Center For People in Need				16.0		16.0		16.0		16.0	96.0
Section 5307 Operating and JARC - Lincoln Literacy				10.0		10.0		10.0		10.0	60.0
Section 5307 ADA				280.0		280.0		280.0		280.0	1,680.0
NE (State Revenue/Aid)				1,155.0		1,155.0		1,100.0		1,100.0	6,710.0
GR (General Revenues - Local Funds)				6,930.0		6,930.0		7,050.0		7,100.0	42,310.0
SC (Service Charges - Local Funds)				3,140.0		3,150.0		3,150.0		3,150.0	17,790.0
<b>TOTAL</b>		<b>0.0</b>		<b>12,956.0</b>		<b>12,966.0</b>		<b>13,031.0</b>		<b>13,081.0</b>	<b>77,196.0</b>
<b>TOTALS FOR STARTRAN FUNDING</b>											
<b>FEDERAL FUNDING</b>											
Federal				5,216.8		2,175.0		2,455.0		1,495.0	14,815.4
Section 5307 Preventative Maintenance				1,350.0		1,350.0		1,350.0		1,350.0	8,100.0
Section 5307 Operating and JARC				101.0		101.0		101.0		101.0	606.0
Section 5307 ADA				280.0		280.0		280.0		280.0	1,680.0
<b>SUB-TOTAL FEDERAL FUNDING</b>		<b>0.0</b>		<b>6,947.8</b>		<b>3,906.0</b>		<b>4,186.0</b>		<b>3,226.0</b>	<b>25,201.4</b>
<b>STATE FUNDING</b>											
NE (State Revenue/Aid)				1,155.0		1,155.0		1,100.0		1,100.0	6,710.0
State / Federal				1,500.0							1,500.0
<b>SUB-TOTAL STATE FUNDING</b>		<b>0.0</b>		<b>2,655.0</b>		<b>1,155.0</b>		<b>1,100.0</b>		<b>1,100.0</b>	<b>8,210.0</b>
<b>LOCAL FUNDING</b>											
General Revenues										482.5	482.5
GR (General revenues - Local Funds)				6,930.0		6,930.0		7,050.0		7,100.0	40,910.0
SC (Service Charges - Local Funds)				3,140.0		3,150.0		3,150.0		3,150.0	17,790.0
Special Reserves				1,934.3		957.5		1,010.3		803.4	4,945.5
<b>SUB-TOTAL LOCAL FUNDING</b>		<b>0.0</b>		<b>12,004.3</b>		<b>11,037.5</b>		<b>11,210.3</b>		<b>11,053.4</b>	<b>64,128.0</b>
<b>TOTAL</b>		<b>0.0</b>		<b>21,607.1</b>		<b>16,098.5</b>		<b>16,496.3</b>		<b>15,379.4</b>	<b>97,539.4</b>
Notes: Revenue & cost estimates use an inflation rate of 3%											
<b>STATUS OF PREVIOUS YEARS PROJECTS</b>											
<b>Completed or Under Contract</b>											
Transit Enhancement: Designated Bus Stops											
Maintenance Service Vehicle											
Purchase/Financing of Full Size Buses											