

2017-202	20 LINCOLN CITY/LANCASTER COUNTY, NEBRASKA	AGENCY: Put	olic Works & Utilitie	S						
TRANSPORTATION IMPROVEMENT PROGRAM			DIVISION: StarTran							
PROJ NO	PROJECT		PROGRAMMED EXPENDITURES & FUNDING SOURCES (FS)							
(Map)	(Location & Distance)	PRIORITY PROJECTS								
	(Improvement Description)	PRIOR FISCAL					COST BEYOND	TOTA		
	(Control Number)	YEARS FS	2016-17 FS	2017-18 FS	2018-19 FS	2019-20 FS	PROGRAM	COSTS		
	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 2040 Comprehensive Plan. Previous capital improvement programs have included equipment essential in StarTran's provision of services. The FY 2016-2020 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 equipmenteriments.									
1	Purchase / Financing of Full Size Buses									
	A phased purchase of full-size replacement transit buses is identified, as follows:									
	Buses Purchased Funding Accumulated Potential Replacement Delivery									
	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									
	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 tschedule is in compliance with the most recent analyses and bus replacement program. Propulsion type(CNG, Diesel) will be based upon the Alternative Fuel Vehicle Analysis.									
	a. 8 Full Size Buses		1,023.3 FA	1,215.0 FA	FA	FA		3,915.		
	b. 9 Full Size Buses		959.9 SR	717.5 SR FA GR SR	SR 1,815.0 FA GR 850.3 SR	SR 1,415.0 FA GR 783.4 SR		4,863.7		
	TOTAL	0.0	1,983.2	1,932.5	2,665.3	2,198.4	0.0	8,779.4		
2	Handi-Van Replacement 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 type will be based upon the Alternative Fuel Vehicle Analysis. Funding will begin in 2021.						830.0 170.0			
	TOTAL	0.0	0.0	0.0	0.0	0.0	1,000.0	1,000.0		
3	Transit Enhancements (required by FTA) 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, pedestrian, bicycle related equipment and landscaping. The priority of these funds will be directed towards 1) replacement of shelters at major boarding locations and 2) costs implement designated bus stops (new signage, benches and shelters). Because of limited funds for transit enhancements, funding these projects will be phased over a period until projects are completed.		32.0 FA 8.0 SR	32.0 FA 8.0 SR	32.0 FA 8.0 SR	32.0 FA 8.0 SR				
	be phased over a period until projects are completed. TOTAL	0.0	8.0 SR 40.0	8.0 SR 40.0	8.0 SR 40.0	8.0 SR 40.0	0.0	160.0		
	IOIAL	0.0	40.0	40.0	40.0	40.0	0.0	160.0		

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(Map)	(Location & Distance)			PRIORITY PROJECTS							
	(Improvement Description) (Control Number)		PRIOR FISCAL					COST BEYOND	TOTAL PROJECT		
			YEARS F	FS 2016-17 FS	2017-18 FS	2018-19 FS	2019-20 FS	PROGRAM	COSTS		
4	Security Enhancements (required by FTA) 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.			32.0 FA	32.0 FA	32.0 FA	32.0 FA				
	Facility security enhancements will be implemented based upon a comprehensive analysis conduted in FY 2012 / 2013.			8.0 SR	8.0 SR	8.0 SR	8.0 SR		100.0		
		TOTAL	0.0	40.0	40.0	40.0	40.0	0.0	160.0		
5	Purchase of Supervisor Vehicle Funds are proposed in FY 2017-18 and FY 2018-19 to purchase two replacement supervisor vehicles. The vehicles to be replaced are a 2009 Equinox, and 2006 Van. Analyses are conducted evaluating the vehicle conditions and which will justify the need to replace the two subject vehicles. The SUV supervisor vehicles are meeting the unique needs of StarTran supervisors, transporting supplies and schedules, and carrying patrons as necessary. Due to limited federal and local funds, replacement vehicles will be the lower cost of either gasoline or hybrid / alternative fuels. Propulsion type will be based upon the Alternative Fuel Vehicle Analysis.	TOTAL	0.0	0.0	28.0 FA 7.0 SR 35.0	32.0 FA 8.0 SR 40.0	0.0	0.0	75.0		
6	Computer Hardware and Software Funds are proposed in FY 2016-17, FY 2017-18 and FY 2018-19 for continued routine upgrade/replacement of StarTran computer hardware and software. Such funding will afford the opportunity for maintaining effective computer services for StarTran admnistration, operators, and maintenance functions. Staff training courses utilizing computerized programs are integrated as part of the continuing StarTran training program. Funding in 2016-17 is to purchase computer hardware and software for handivan and fixed route scheduling software. FY 2017-18 and FY 2018-19 is to purchase replacement AVL equipment for all vehicles over a two year period.	TOTAL	0.0	256.0 fa 64.0 sr 320.0	560.0 FA 140.0 SR 700.0	400.0 fa 100.0 sr 500.0	0.0	0.0	1,520.0		
7	Shop Tools / Equipment										
7	Since Transaction of the second secon			12.0 FA 3.0 SR	28.0 FA 7.0 SR						
		TOTAL	0.0	15.0	35.0	0.0	0.0	0.0	50.0		
8	Maintenance Service Vehicle Funds are included in FY 2016-17 to replace a 1996 pickup truck that will be 20 years old. The pickup is used by maintenance employees to deliver bus parts and move equipment to storage garage. Additional funds are requested in FY 2016-17 to meet new estimated costs.			16.0 FA 4.0 SR					20.0		
		TOTAL	0.0	20.0	0.0	0.0	0.0	0.0	20.0		
9	Building Renovations / Improvements Funds are included in FY 2016-17 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.	TOTAL		160.0 FA 40.0 SR	280.0 FA 70.0 SR 250.0	160.0 FA 40.0 SR 200.0	0.0	0.0	750.0		
		TOTAL	0.0	200.0	350.0	200.0	0.0	0.0	750.0		
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(Map)				PRIORITY PROJECTS							
								COST	TOTAL		
	(Control Number)		FISCAL YEARS FS	2016-17 FS	2017-18 FS	2018-19 FS	2019-20 FS	BEYOND PROGRAM	PROJECT COSTS		
11	Maintenance Facility Construction / Relocation										
	Funds are proposed in FY 2017-18 thru 2019-20 to construct a new bus maintenance facility. Costs include design, construction				400.0 FA	8,000.0 FA	8,000.0 FA				
	and relocation. Site selection is in the preliminary phase and is underterminted.				100.0 SR	2,000.0 SR	2,000.0 SR				
		TOTAL	0.0	0.0	500.0	10,000.0	10,000.0	0.0	20,500.0		
12	Multi Modal Center - Feasibility Study										
	Conduct a study to determine the feasibility of constructing a new multi modal center and bus transfer center. Topics to study				100.0 FA						
	include site selection, environmental issues and funding.	TOTAL	0.0	0.0	25.0 SR	0.0	0.0	0.0	125.0		
		TOTAL	. 0.0	0.0	125.0	0.0	0.0	0.0	125.0		
	FUNDING SUMMARY										
	Federal			1,531.3 FA	2,675.0 FA	10,471.0 FA	9,479.0 FA		24,156.3		
	General Revenue			0.0 GR	0.0 GR	0.0 GR	0.0 GR		0.0		
	Special Reserves			1,086.9 SR	1,082.5 SR	3,014.3 SR	2,799.4 SR		7,983.1		
		TOTAL	0.0	2,618.2	3,757.5	13,485.3	12,278.4	#REF!	#REF!		
	OPERATIONS FUNDING SOURCE SUMMARY										
	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	2,700.0	8,100.0		
	Section 5307 Operating and JARC - StarTran			75.0	75.0	75.0	75.0	150.0	450.0		
	Section 5307 Operating and JARC - Center For People in Need			16.0	16.0	16.0	16.0	32.0	96.0		
	Section 5307 Operating and JARC - Lincoln Literacy Section 5307 ADA			10.0 280.0	10.0 280.0	10.0 280.0	10.0 280.0	20.0 560.0	60.0 1,680.0		
	NE (State Revenue/Aid)			780.0	700.0	630.0	1,030.0	950.0	4,090.0		
	GR (General Revenues - Local Funds)			6,700.0	6,800.0	6,900.0	7,000.0	14,300.0	41,700.0		
	SC (Service Charges - Local Funds)			2,600.0	2,600.0	2,600.0	2,600.0	5,200.0	15,600.0		
		TOTAL	0.0	11,811.0	11,831.0	11,861.0	12,361.0	23,912.0	71,776.0		

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(Map)	(Location & Distance)								
	(Improvement Description) (Control N	lumber)	PRIOR FISCAL YEARS F	S 2016-17 FS	2017-18 FS	2018-19 FS	2019-20 FS	COST BEYOND PROGRAM	TOTAL PROJECT COSTS
	TOTALS FOR STARTRAN FUNDING							PROGRAM	00010
	FEDERAL FUNDING Federal Section 5307 Preventative Maintenance Section 5307 Operating and JARC Section 5307 ADA			1,531.3 1,350.0 101.0 280.0	2,675.0 1,350.0 101.0 280.0	10,471.0 1,350.0 101.0 280.0	9,479.0 1,350.0 101.0 280.0	3,473.6 2,700.0 202.0 560.0	27,629.9 8,100.0 606.0 1,680.0
		SUB-TOTAL FEDERAL FUNDING	0.0	3,262.3	4,406.0	12,202.0	11,210.0	6,935.6	38,015.9
	STATE FUNDING NE (State Revenue/Aid)			780.0	700.0	630.0	1,030.0	950.0	4,090.0
		SUB-TOTAL STATE FUNDING	0.0	780.0	700.0	630.0	1,030.0	950.0	4,090.0
	LOCAL FUNDING								
	General Revenues			0.0	0.0	0.0	0.0	482.5	482.5
	GR (General revenues - Local Funds)			6,700.0	6,800.0	6,900.0	7,000.0	12,900.0	40,300.0
	SC (Service Charges - Local Funds)			2,600.0	2,600.0	2,600.0	2,600.0	5,200.0	15,600.0
	Special Reserves			1,086.9	1,082.5	3,014.3	2,799.4	240.0	8,223.1
		SUB-TOTAL LOCAL FUNDING	0.0	10,386.9	10,482.5	12,514.3	12,399.4	18,822.5	64,605.6
		TOTAL	0.0	14,429.2	15,588.5	25,346.3	24,639.4	26,708.1	106,711.5
	Notes:								
	Revenue & cost estimates use an inflation rate of 3%								
	STATUS OF PREVIOUS YEARS PROJECTS								
	Completed or Under Contract in FY 2015-16								
	Purchase/Financing of Full Size Buses								