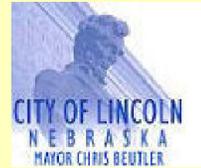


C City of Lincoln: Public Works

**Lincoln Metropolitan Planning Organization
Transportation Improvement Program**

Streets and Highways

FY 2016 - 2019



▲ Bridge

— Project Location

City-Wide Projects:

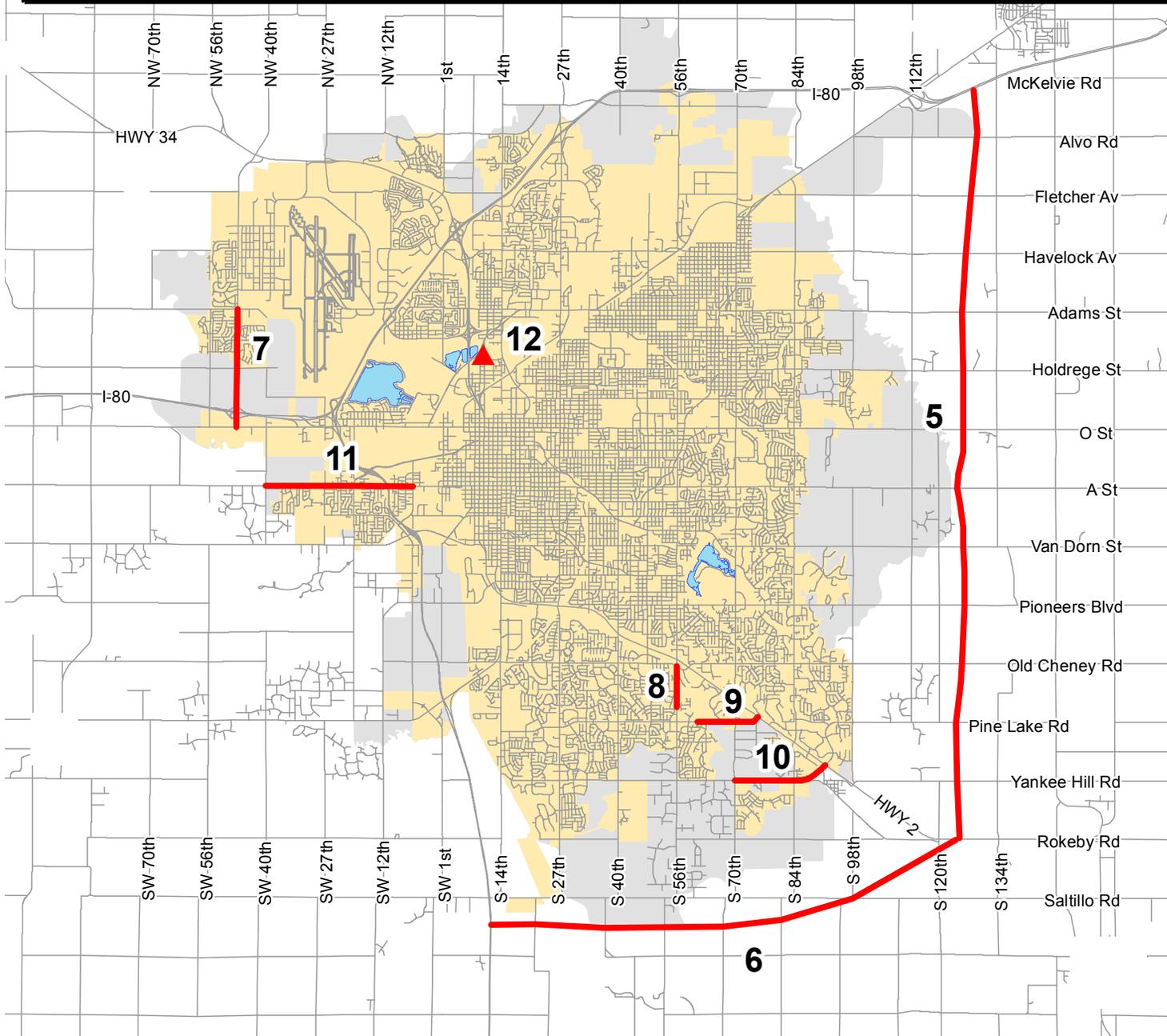
- #1 Traffic Optimization and Management Program**
- #2 Safety and Operation Improvement Program**
- #3 Sidewalk Maintenance and Repair**
- #4 Roadway and Bridge Rehabilitation**



1 0.5 0 1 2 3 4 Miles

Lincoln's Future Service Limit Shown as Grey

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



2016-2019 LINCOLN CITY/LANCASTER COUNTY, NEBRASKA TRANSPORTATION IMPROVEMENT PROGRAM				AGENCY:	City of Lincoln : Public Works & Utilities									
				DIVISION:	Streets & Highways									
PROJ NO (Map)	PROJECT (Location & Distance) (Improvement Description)	PROGRAMMED EXPENDITURES & FUNDING SOURCES (FS) (000's)						COST BEYOND PROGRAM	TOTAL PROJECT COSTS					
		PRIORITY PROJECTS												
		PRIOR FISCAL YEARS	FS	2015-16	FS	2016-17	FS			2017-18	FS	2018-19	FS	
1	Traffic Optimization and Management Program Projects vary and scope of work is customized to meet the needs of the specific location. Work could include elements of Intelligent Transportation System Infrastructure (ITS), annual traffic monitoring program (turning movement counts, mechanical counts, travel time, and delay studies) and improving traffic flow through signal timing changes. Other projects modify, replace or install traffic signal equipment (poles, controllers, detectors, communication links) at various locations. Locations may include: 27th & J, 27th & Randolph, 27th & M, 48th & Randolph, 48th & South, Sheridan @37th, Sheridan & Van Dorn, Cotner & Holdrege, Cotner & Starr, 48th & Hwy2, 17th @ "A" - "D" & Washington, Regency Drive @ "A", 48th & Calvert to 56th & Calvert See Appendix.	All Phases		252.4	LN	132.0	LN	375.0	LN	415.0	LN			
		All Phases		1,009.6	AC	528.0	LC	1,500.0	LC	1,660.0	LC			
		All Phases				1,009.6	AC- LC							
		TOTAL		0.0		1,262.0		1,669.6		1,875.0		2,075.0	0.0	6,881.6
2	Safety and Operation Improvement Program Projects vary in location and scopes of improvements are tailored specific to the needs. Generally work will provide improvements at locations based upon the annual traffic monitoring and crash analysis programs traffic calming, minor intersection improvement and help provide subsidies for paving districts, bikeway/trails to improve bicycle/pedestrian movement used in conjunction with other improvement projects. Federal funds will be requested where applicable and matched with City funds to maximize the number of locations where enhancements can be made. Helps meet LRTP goals supporting the Intersection Capacity Improvements, ITS, Safety Projects, Travel Demand Management, maintenance / rehabilitation and new capital expenditure for Pedestrian and Bicycle Facilities.													
		Coddington & West Van Dorn	(C.N. 13147)	HSIP-5205(1)	PE	31.5	HS					500.0	HS	
					PE	3.5	LN					150.0	LN	
					Util	18.0	HS							
					Util	2.0	LN							
					ROW	18.0	HS							
					ROW	2.0	LN							
					Construction/CE			1,405.8	HS					
					Construction/CE			156.2	LN					
		14th and Cornhusker	(C.N. 12944)	HSIP-5227 (7)	PE			250.0	HS	44.3	HS			
					PE			13.7	NE	2.4	NE			
					PE			13.7	LN	2.4	LN			
					ROW			3.0	HS	1.5	HS			
					ROW			0.2	NE	0.1	NE			
					ROW			0.2	LN	0.1	LN			
					Utilities					25.7	HS			
					Utilities					1.4	NE			
			Utilities					1.4	LN					
			Construction/CE					94.5	HS					
			Construction/CE					52.3	NE					
			Construction/CE					52.3	LN					

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				DIVISION:	Streets & Highways											
PROJ NO (Map)	PROJECT (Location & Distance) (Improvement Description)				PROGRAMMED EXPENDITURES & FUNDING SOURCES (FS) (000's)					COST BEYOND PROGRAM	TOTAL PROJECT COSTS					
		(Control Number)	(Project Number)	(Work Phase)	PRIORITY PROJECTS											
					PRIOR FISCAL YEARS	FS	2015-16	FS	2016-17			FS	2017-18	FS	2018-19	FS
	South 56th Street and Yankee Hill Road intersection	(C.N. 13347)	HSIP-5241(6)	PE			137.0	HS								
				PE			15.2	LN								
				NEPA			13.5	HS								
				NEPA			1.5	LN								
				Final Design					51.3	HS						
				Final Design					f.7	LN						
				RC					21.6	HS						
				RC					2.4	LN						
				NDOR					9.0	HS						
				NDOR					1.0	LN						
				ROW					67.5	HS						
				ROW					7.5	LN						
				Utilities					0.0	HS						
				Utilities					0.0	LN						
				Construction							1,711.8	HS				
				Construction							190.2	LN				
				CE							310.4	HS				
				CE							34.5	LN				
	66th & Fremont	(C.N. 13227)	HSIP-5253(1)	ROW			18.0	HS								
				ROW			2.0	LN								
				Utilities			18.0	HS								
				Utilities			2.0	LN								
				Construction/CE					76.8	LN						
				Construction/CE					591.2	HS						
	North 27th Street, Adaptive Signal Control Project	(C.N. 13244)	HSIP-5231(14)	NEPA			42.1	HS								
				NEPA			4.1	LN								
				Final Design					36.7	HS						
				Final Design					4.1	LN						
				NDOR					9.0	HS						
				NDOR					1.0	LN						
				ROW					13.5	HS						
				ROW					1.5	LN						
				Utilities					61.2	HS						
				Utilities					6.8	LN						
				Construction/CE							1,444.3	HS				
				Construction/CE							160.3	LN				
				NDOR							14.5	HS				
				NDOR							1.6	LN				
				TOTAL			0.0		328.4		2,804.9		4,992.0	650.0	0.0	8,775.3

2016-2019 LINCOLN CITY/LANCASTER COUNTY, NEBRASKA TRANSPORTATION IMPROVEMENT PROGRAM				AGENCY:	City of Lincoln : Public Works & Utilities					
				DIVISION:	Streets & Highways					
PROJ NO (Map)	PROJECT (Location & Distance) (Improvement Description)	PROGRAMMED EXPENDITURES & FUNDING SOURCES (FS) (000's)							COST BEYOND PROGRAM	TOTAL PROJECT COSTS
		PRIORITY PROJECTS								
		PRIOR FISCAL YEARS	FS	2015-16 FS	2016-17 FS	2017-18 FS				
(Control Number)	(Project Number)	(Work Phase)								
3	Sidewalk Maintenance and Repair City funds are allocated for maintenance and repair of sidewalks Helps meet LRTP goals supporting both the maintenance / rehabilitation and Capital expenditure for Pedestrian and Bicycle Facilities as existing infrastructure are improved / repaired and Capital expenditure when new amenities, such as curb ramps, are constructed.	Construction			1,000.6 LN	1,011.2 LN	1,022.0 LN	1,042.4 LN		
		TOTAL	0.0	1,000.6	1,011.2	1,022.0	1,042.4	0.0	4,076.2	
4	Roadway and Bridge Rehabilitation Resurfacing and repairing city-wide of all roadways and bridges to maintain their longevity and serviceability economically through resurfacing, reconstruction, help provide subsidies for paving districts, bikeway/trails to improve bicycle/pedestrian movement used in conjunction with other improvement projects. Work performed also includes the data gathering, analysis, and implementation for both the pavement management and bridge management programs. Helps meet LRTP goals supporting both roadway and pedestrian maintenance / rehabilitation needs for existing infrastructure, Intersection Capacity Improvements, two plus center turn lane projects, safety projects, and Capital expenditure for Pedestrian Facilities as new curb ramps continue to be built as a part of projects.	All Phases		5,772.0 AC	1,840.0 AC	0.0 AC	0.0 AC			
		All Phases		1,443.0 LN	460.0 LN	0.0 LN	0.0 LN			
		See Appendix.		0.0 AC-LC	3,340.0 AC-LC	1,610.2 AC-LC	2,915.2 AC-LC			
		TOTAL	0.0	7,215.0	5,640.0	1,610.2	2,915.2	0.0	17,380.4	
5	East Beltway Design, right-of-way and utility work of a four lane freeway between Hwy 2 and I-80. This funding represents Federal Demonstration funds only available for this project in the Federal Transportation Bill to be used for corridor protection and allow for future construction of this facility. This will be matched with previous appropriations of local funds (city and county).	C.N. 12848 DPU-55(156) ROW		250.0 LN	250.0 LN	250.0 LN	250.0 LN			
		TOTAL	0.0	250.0	250.0	250.0	250.0	0.0	1,000.0	
6	NW 48th Street, O Street to Adams Street City funds for the completion of design engineering, right-of-way, construction and construction engineering to construct four lanes of pavement along NW 48th Street from O Street to Adams Street. The project will construct a center median as well as left and right turn lanes. The project will improve safety and capacity. Project length: 1 mile.	Design		700.0 LN						
		ROW		503.5 LN						
		Construction/CE		11,623.9 LN	5,821.6 LN					
		TOTAL	0.0	12,827.4	5,821.6	0.0	0.0	0.0	18,649.0	

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PROJ NO (Map)	PROJECT (Location & Distance) (Improvement Description)	PROGRAMMED EXPENDITURES & FUNDING SOURCES (FS) (000's)							COST BEYOND PROGRAM	TOTAL PROJECT COSTS					
		PRIORITY PROJECTS													
		PRIOR FISCAL YEARS	FS	2015-16	FS	2016-17					FS	2017-18	FS	2018-19	FS
(Control Number)	(Project Number)	(Work Phase)													
7	56th St from Shadow Pines Dr to Old Cheney Rd Work envisions the completion of the design engineering, right-of-way acquisition, construction and construction engineering necessary to construct four lanes of pavement along 56th Street between Shadow Pines Drive and Old Cheney. The project will construct a center median as well as left and right turn lanes. While the project will mainly improve safety and capacity it also includes significant contributions to the city's pedestrian/bicycle facilities, drainage needs, and provides information vital to the study of the 56th/Old Cheney/Highway 2 Triangle of intersections (LTRP goals of Intersection Capacity Improvements, ITS, Safety Projects, and Travel Demand Management). Project length: 0.7 mile (\$5,741.0 Prior Year AC funds)	C.N. 13141	LCLC-5241(5)	All Phases Construction/CE	9,363.0		5,741.1 LN 5,741.1 LC								
TOTAL					9363		11,482.2		0.0		0.0		0.0	11,482.2	
8	Pine Lake Road, 61st to Hwy 2 As shown in the LRTP, this project would improve the capacity and safety of this area by making Pine Lake Road a four through lane plus turn lanes.			PE ROW/Utilities Construction/CE			1,000.0 LN 400.0 LN				2,933.5 LN		3,530.8 LN		
TOTAL					0.0		1,000.0		400.0		2,933.5		3,530.8	0.0	7,864.3
9	Yankee Hill Road from 70th Street to Hwy 2 This project would improve the capacity and safety of this area by programming city funds for the completion of design engineering, right-of-way, construction and construction engineering to construct two lanes of pavement along Yankee Hill Road between 70th and 91st streets offset. The project will construct left and right turn lanes as appropriate and include intersection improvements at 70th and 84th Streets.			PE Construction/CE			1,000.0 LN 3,811.7 LN				5,079.7 LN				
TOTAL					0.0		1,000.0		3,811.7		5,079.7		0.0	0.0	9,891.4
10	West "A" Street from SW 40th to Folsom This project would improve the capacity and safety of this area by programming city funds for the completion of design engineering, right-of-way, construction and construction engineering to construct two lanes of pavement along West "A" Street between Folsom and SW 40th streets. The project will construct left and right turn lanes as appropriate and include intersection improvements at Folsom, Coddington and SW 40th Streets. The project will improve safety and capacity.			PE Construction/CE							659.6 LN		5,962.6 LN		
TOTAL					0.0		0.0		0.0		659.6		5,962.6	0.0	6,622.2

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PROJ NO (Map)	PROJECT (Location & Distance) (Improvement Description)	PROGRAMMED EXPENDITURES & FUNDING SOURCES (FS) (000's)							COST BEYOND PROGRAM	TOTAL PROJECT COSTS						
		PRIORITY PROJECTS														
		PRIOR FISCAL YEARS	FS	2015-16	FS	2016-17					FS	2017-18	FS	2018-19	FS	
11	North 10th Street & Military Bridge, Lincoln Rehabilitation or replacement of an existing bridge over Salt Creek, to be determined during the design phase of the project. The project limits will extend approximately 50 feet past both ends of the existing bridge. Possible impacts to military Road and south to US-6 will be evaluated. The project will include pedestrian facilities.															
		C.N. 13233	LCLC-5227(8)	Construction		2,720.0	AC			2,275.2	AC-LC	444.8	AC-LC			
				Construction		480.0	LN					280.0	AC-LC			
				CE		280.0	AC									
				CE		88.8	LN									
				TOTAL		0.0		3,568.8		0.0		2,275.2		724.8	0.0	6,568.8
	Street Maintenance Operations Division															
	Administration Services					871.0	GR	914.6	GR	960.3	GR	989.1	GR	1,018.8	GR	
	Drainage					870.7	GR	914.2	GR	959.9	GR	988.7	GR	1,018.4	GR	
	Sanitation					1,479.2	SC	1,553.0	SC	1,630.7	SC	1,679.6	SC	1,730.0	SC	
	Snow & Ice Removal					3,891.6	SR	4,086.2	SR	4,290.5	SR	4,419.2	SR	4,551.8	SR	
	Street & Highways					14,013.1	SC	14,713.8	SC	15,449.5	SC	15,913.0	SC	16,390.4	SC	
	Engineering Services Division: Traffic Engineering															
	Traffic Operations & Maintenance (signs, signals and pavement markings)					1,503.80	DR	1,579.0	GR	1,658.0	GR	1,707.7	GR	1,758.9	GR	
				TOTAL		22,629.4		23,760.8		24,948.9		25,697.3		26,468.3	0.0	100,875.3
	CITY FUNDS															
	GR (General Revenue) [city funds]					3,245.5		3,407.8		3,578.2		3,685.5		3,796.1		
	SC (Street Construction Funds) [federal, state & local funds]					15,492.3		16,266.8		17,080.2		17,592.6		18,120.4		
	SR (Snow Removal Funds) [city funds]					3,891.6		4,086.2		4,290.5		4,419.2		4,551.8		
				SUBTOTAL: OPERATIONS & MAINTENANCE		22,629.4		23,760.8		24,948.9		25,697.3		26,468.3		123,504.7
	Program funds are estimates based upon the fiscal year 2008-09 budget and inflated at a 3% rate per year for future years.															

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PROJ NO (Map)	PROJECT (Location & Distance) (Improvement Description)	PROGRAMMED EXPENDITURES & FUNDING SOURCES (FS) (000's)									
		PRIORITY PROJECTS					COST BEYOND PROGRAM	TOTAL PROJECT COSTS			
		PRIOR FISCAL YEARS	FS	2015-16	FS	2016-17			FS	2017-18	FS
(Control Number)	(Project Number)	(Work Phase)									
FUNDING SUMMARY											
FEDERAL-AID FUNDS:											
	LC (STP-Urbanized Areas > 200,000, Lincoln)				0.0	5,741.1	528.0	1,500.0	1,660.0		
	HS (HSIP-Highway Safety Improvement Program)				0.0	296.1	2,519.8	4,493.0	500.0		
	AC-Advanced Construction				0.0	9,781.6	1,840.0	0.0	0.0		
	AC-LC Conversion of EC \$				0.0	0.0	4,349.6	3,885.4	3,640.0		
				SUB-TOTAL FEDERAL-AID FUNDS	0.0	15,818.8	9,237.4	9,878.4	5,800.0	0.0	40,734.6
STATE FUNDS:											
	NE (State Funds)				0.0	0.0	13.9	56.2	0.0		
				SUB-TOTAL OTHER FUNDS	0.0	0.0	13.9	56.2	0.0	0.0	70.1
LOCAL FUNDS:											
	GR (General Revenue) [city funds]				0.0	0.0	0.0	0.0	0.0		
	SC (Street Construction Funds) [federal, state & local funds]				0.0	0.0	0.0	0.0	0.0		
	SR (Snow Removal Funds) [city funds]				0.0	0.0	0.0	0.0	0.0		
	LN (City of Lincoln Funds)				0.0	24,115.6	12,157.7	10,762.6	11,350.8		
	AC (Advanced Construction)				0.0	9,781.6	1,840.0	0.0	0.0		
	RT (Railroad Transportation Safety District)				0.0	0.0	0.0	0.0	0.0		
				SUB-TOTAL LOCAL FUNDS	0.0	33,897.2	13,997.7	10,762.6	11,350.8	0.0	70,008.3
				TOTAL	22,629.4	49,716.0	23,249.0	20,697.2	17,150.8	0.0	92,622.6
STATUS OF PREVIOUS YEARS PROJECTS											
Projects Completed or Under Contract in FY 2014-15											
	Penny Bridge - twin bridges on Sheridan Blvd. over the Rock Island Trail			Construction/CE	400.7	LN					
Delayed											
	None										
Moved out of Program											
	None										

2016-2019 LINCOLN CITY/LANCASTER COUNTY, NEBRASKA TRANSPORTATION IMPROVEMENT PROGRAM				AGENCY:	City of Lincoln : Public Works & Utilities							
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PROJ NO (Map)	PROJECT (Location & Distance) (Improvement Description)	PROGRAMMED EXPENDITURES & FUNDING SOURCES (FS) (000's)										
		PRIORITY PROJECTS					COST BEYOND PROGRAM	TOTAL PROJECT COSTS				
		PRIOR FISCAL YEARS	FS	2015-16	FS	2016-17			FS	2017-18	FS	2018-19
APPENDIX		(Project Number)	(Work Phase)									
<u>Traffic Optimization and Management Program</u>												
a. S. 48th Street and Highway 2 in the City or Linc, Traffic Signal Rebuild												
Replacing the traffic signal poles, new conduit and cable around the intersection, and replace vehicle detection as needed. Curb ramps that do not meet ADA standards will be removed and replaced. All construction is expected to be within the existing right-of-way.												
		C.N. 13253	LCLC-5239(9)	Construction			70.0	LN				
				Construction			280.0	AC			280.0	LC
				TOTAL		0.0	350.0			280.0		0.0
											0.0	630.0
b. S. 48th Street and Calvert Street, and 56th and Calvert Street, Traffic Signal Replacement												
Replacing the traffic signal poles, new conduit and cable around the intersection, and replace vehicle detection as needed. Communication to signals will also be addressed. Curb ramps that do not meet ADA standards will be removed and replaced.												
		C.N. 13260	LCLC-5239(10)	Construction						528.0	LC	
				Construction						132.0	LN	
				TOTAL		0.0	0.0			660.0		0.0
												660.0
c. S. 17th & Washington, S. 17th & A and S. 17th & D in the City of Lincoln, Traffic Signal Replacement												
Replacing the traffic signal poles, new conduit and cable around the intersection, and replace vehicle detection as needed. Communication to signals will also be addressed. Curb ramps that do not meet ADA standards will be removed and replaced. All construction is expected to be within the existing right-of-way.												
		C.N. 13261	LCLC-5239(8)	Construction			182.4	LC				
				Construction			729.6	LN		729.6	AC-LC	
				TOTAL			912.0			729.6		0.0
												0.0
												1,641.6
<u>Roadway and Bridge Rehabilitation</u>												
a. 70th Street, Van Dorn to Eastborough, Lincoln, Concrete Repair Project												
Repair and/or replacement of concrete panels as needed, repair joints, seal meeting ADA standards, and adjust manholes, utilities and inlets to grade. Within existing right-of-way. Approximately 2.2 miles.												
		C.N. 13243	LCLC-5247(13)	Construction/CE		4,175.0						
				Construction/CE		3,340.0	(AC)	876.0	LN	2,463.8	AC-LC	
				TOTAL				857.0	AC-LC			
							1,733.0			2,463.8		0.0
												0.0
												4,196.8

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PROJ NO (Map)	PROJECT (Location & Distance) (Improvement Description)	PROGRAMMED EXPENDITURES & FUNDING SOURCES (FS) (000's)													
		PRIORITY PROJECTS					COST BEYOND PROGRAM	TOTAL PROJECT COSTS							
		PRIOR FISCAL YEARS	FS	2015-16	FS	2016-17			FS	2017-18	FS	2018-19	FS		
APPENDIX		(Project Number)	(Work Phase)												
	b. 27th Street & Fairfield and West "O" Street Bridges over Salt Creek Repair and rehabilitate two bridges located at 27th and Fairfield, and at West "O" Street and Sun Valley Boulevard in the City of Lincoln. The 27th and Fairfield repairs will include moving and replacing the expansion joints and repairing deteriorating abutments. West "O" Street and Sun Valley repairs will consist of adding piling to support the grade beam, repairing/replacing the grade beam and replacing the expansion joints. Both projects will prevent further deterioration and extend the life of the bridges.	C.N. 13247	LCLC-5231(15)	Construction/CE		1,700.0	AC			1,610.2	AC-LC	89.8	AC-LC		
				Construction/CE		425.0	LN								
				TOTAL		2,125.0		0.0		1,610.2		89.8		0.0	3,825.0
	c. Superior from 27th to Cornhusker			PE	255.0								AC-LC		
				Construction/CE		1,440.0	AC					1,440.0			
				Construction/CE		360.0	LN								
				TOTAL		1,800.0		0.0	0.0			1,440.0		0.0	3,240.0
	d. Old Cheney from 40th to Hwy 2			PE	205.0										
				Construction/CE		1,152.0	AC								
				Construction/CE		288.0	LN								
				TOTAL		1,440.0		0.0	0.0			0.0		0.0	1,440.0
	e. 27th Street from Holdrege to Fletcher			PE	300.0								AC-LC		
				Construction/CE		1,480.0	AC					233.4			
				Construction/CE		370.0	LN					1,472.5	LN		
				TOTAL		1,850.0		0.0	0.0			1,705.9		0.0	3,555.9

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PROJ NO (Map)	PROJECT (Location & Distance) (Improvement Description)	PROGRAMMED EXPENDITURES & FUNDING SOURCES (FS) (000's)											
		PRIORITY PROJECTS					COST BEYOND PROGRAM	TOTAL PROJECT COSTS					
		PRIOR FISCAL YEARS	FS	2015-16	FS	2016-17			FS	2017-18	FS	2018-19	FS
	APPENDIX	(Project Number)	(Work Phase)										
	f. Rosa Parks Way Bridge Preservation Bridge preservation of the Rosa Parks bridges over Salt Creek. Work will include repairing the wing walls, replacing the grade beam and approach slabs, and moving the expansion joints to the end of the approach slabs.			PE	320.0	(AC)						320 (AC-LC)	
				PE	80.0	LN						1840(AC-LC)	
				Construction/CE			1,840.0	AC					
				Construction/CE			460.0	LN					
				TOTAL	400.0		0.0		2,300.0		0.0	0.0	2,300.0

