

City of Lincoln: Public Works

Lincoln Metropolitan Planning Organization
Transportation Improvement Program

Streets and Highways

FY 2018 - 2021



▲ Bridge

— Project Location

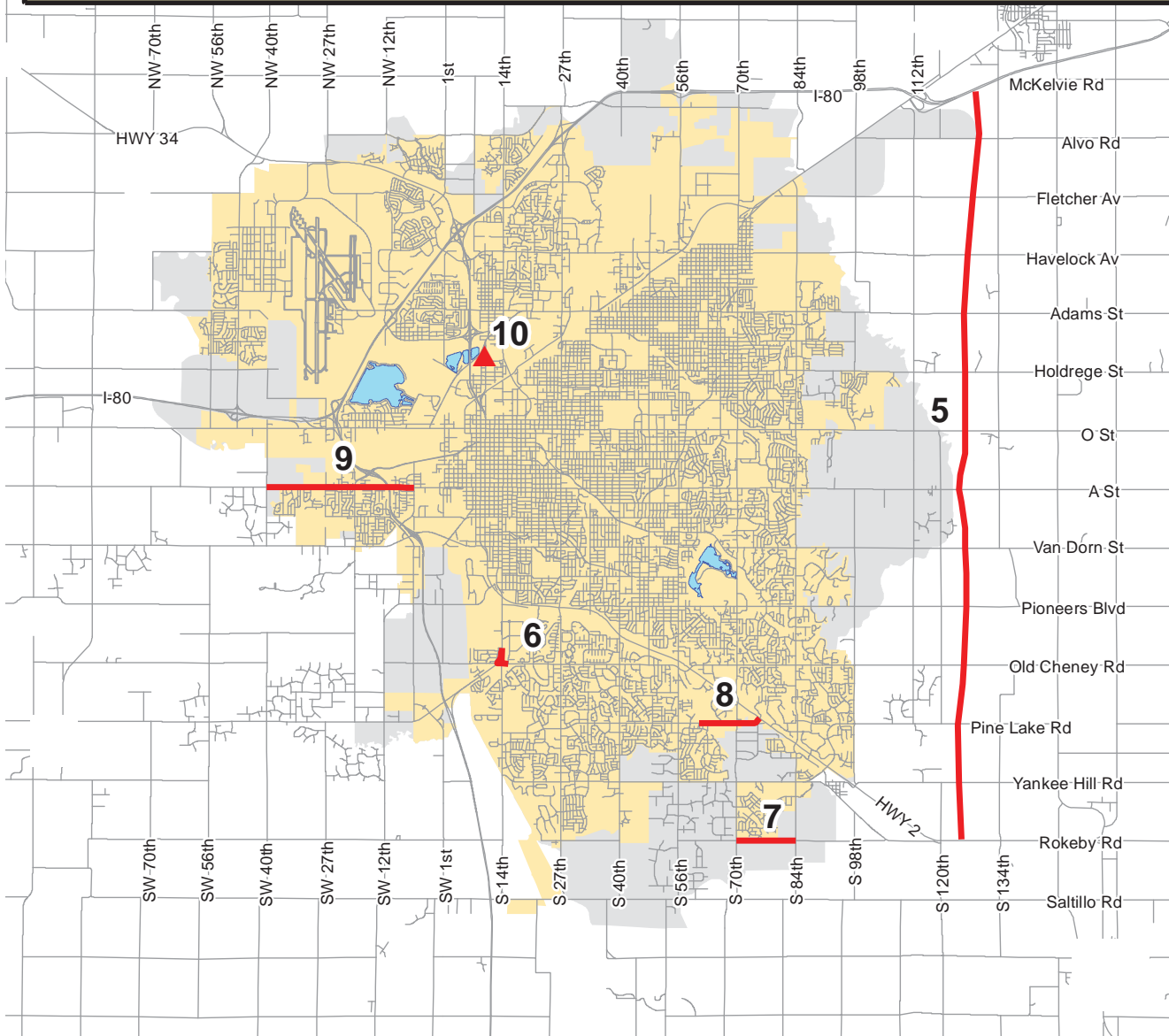
City-Wide Projects:

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



Lincoln's Future Service Limit Shown as Grey

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



2018-2021 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	2017-18	FS	2018-19	FS	2019-20			FS	2020-21	FS				
	(Control Number)	(Project Number)	(Work Phase)														
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			2,646.2	LN		1,650.0	LN		2,150.0	LN		1,995.8	LN	
			All Phases			1,000.0	LC		1,000.0	LC		1,000.0	LC		1,000.0	LC	
			TOTAL			0.0		3,646.2		2,650.0		3,150.0		2,995.8		0.0	12,442.0
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.													500.0	HS		
															850.0	LN	
		a.	Coddington & West Van Dorn		PE		12.9	HS									
			Reconstruction of intersection to single-lane roundabout and new sidewalks.		PE		1.4	LN									
					Util		4.5	HS									
					Util		0.5	LN									
					ROW		4.5	HS									
					ROW		0.5	LN									
					Const/CE		1,265.2	HS		140.6	HS						
					Const/CE		140.6	LN		15.6	LN						
		b.	14th and Cornhusker		PE		194.4	HS		21.6	HS						
			Reconstruction of the intersection of N. 14th Street with the eastbound U.S. Highway 6 off ramp and portions of U.S. Highway 6.		PE		10.8	NE		2.4	NE						
					ROW		10.8	LN		2.4	LN						
					ROW		3.0	HS		1.5	HS						
					ROW		0.2	NE		0.1	NE						
			Utilities		0.2	LN		0.1	LN								
			Utilities					25.7	HS								
			Utilities					1.4	NE								
			Const/CE					1.4	LN			940.5	HS				
			Const/CE									52.3	NE				
			Const/CE									52.3	LN				

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		PRIORITY PROJECTS															
		(Control Number)	(Project Number)	(Work Phase)	PRIOR FISCAL YEARS	FS	2017-18	FS			2018-19	FS	2019-20	FS	2020-21	FS	
c.	66th & Fremont Concepts are being developed to provide needed safety improvements at the intersection of 66th Street and Fremont Street.	C.N. 13227	HSIP-5253(1)	PE	4.9	HS											
				PE	0.5	LN											
				ROW	13.5	HS											
				ROW	1.5	LN											
				Utilities				18.0	HS								
				Utilities				2.0	LN								
				Const/CE						59.1	HS						
				Const/CE							7.7	LN					
				d.	South 56th Street and Yankee Hill Road intersection Concepts are being developed to provide needed safety improvements at the intersection of 86th & Yankee Hill Rd.	C.N. 13347	HSIP-5241(6)	Final Design	51.3	HS							
								Final Design	5.7	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								
Const/CE										2,022.2	HS						
Const/CE											224.7	LN					
e.	North 27th Street, Adaptive Signal Control Project Safety project to update traffic control devices along 27th Street corridor.	C.N. 13244	HSIP-5231(14)	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								
				Const/CE						1,444.3	HS						
				Const/CE						160.3	LN						
NDOR						14.5	HS										
NDOR						1.6	LN										
TOTAL				1,811.7			390.8		3,934.4	1,045.1	1,350.0	0.0	8,532.0				

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		PRIORITY PROJECTS													
		PRIOR FISCAL YEARS	FS	2017-18	FS	2018-19	FS	2019-20			FS	2020-21	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			1,011.2	LN	1,022.0	LN	1,042.4	LN	1,042.4	LN		
			TOTAL		0.0	1,011.2		1,022.0		1,042.4		1,042.4		0.0	4,118.0
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. See Appendix		All Phases All Phases			2,213.8	LC	4,300.0	LC	4,300.0	LC	4,300.0	LC		
			TOTAL		0.0	8,811.6		7,595.7		6,839.4		5,300.0		0.0	28,546.7
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	14th / Warlick / Old Cheney Road This project involves the completion of design engineering, right-of-way acquisition, construction and construction engineering to construct improvements in the vicinity of 14th Street / Old Cheney and Warlick Blvd. The project will consist of revised roadway alignments and grade separation structures in order to improve safety and congestion at the intersection.		Const		9,910.5			6,986.3	LN	3,358.0	LN	2,000.0	LN	2,674.8	
			TOTAL		9,910.5	0.0		6,986.3		3,358.0		2,000.0		2,674.8	24,929.6
7	Rokeby Road from 70th to 84th Street This project involves grading and construction of cross-road drainage structures for the future full-build condition and placement of temporary surface material (gravel) along Rokeby Road from 70th to 84th Streets for a two-lane roadway. This project is being done in phases.		Phase 1 PE ROW Util Const CE		1,785.0 245.0 LN 30.0 LN 123.0 LN 3,024.0 LN 327.0 LN		248.0 LN 270.0 LN 123.0 LN 400.0 LN 43.0 LN								
			TOTAL		2,060.0	3,992.0		443.0		0.0		0.0		0.0	6,495.0
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.		Const/CE			2,527.2	LN	4,924.4	LN	2,000.0	LN				
			TOTAL		0.0	2,527.2		4,924.4		2,000.0		0.0		0.0	9,451.6

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		PRIORITY PROJECTS					COST BEYOND PROGRAM	TOTAL PROJECT COSTS		
		PRIOR FISCAL YEARS	FS	2017-18	FS	2018-19			FS	2019-20
(Control Number)	(Project Number)	(Work Phase)								
9	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 ROW Const/CE	100.0 LN	600.0 LN	2,350.0 LN	2,341.4 LN	8,022.2 LN	3,565.5		
	TOTAL		100.0	600.0	2,350.0	2,341.4	8,022.2	3,565.5	16,979.1	
10	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-5215(3)	Const/CE Const/CE Const/CE	2,160.0 AC 1,825.0 LC 3,170.0 LN	2,160.0 LC -2,160.0 LN						
	TOTAL		7,155.0	0.0	0.0	0.0	0.0	0.0	7,155.0	
	Street Maintenance Operations Division Sanitation Snow Removal Street Maintenance Management			1,741.51 LN 4,215.85 LN 8,796.30 LN 368.35 LN	1,828.58 LN 4,426.64 LN 9,236.11 LN 386.76 LN	1,920.01 LN 4,647.97 LN 9,697.92 LN 406.10 LN	2,016.00 LN 4,880.40 LN 10,182.80 LN 426.30 LN			
	TOTAL		0.0	15,122.01	15,878.09	16,672.00	17,505.50	0.00	65,177.60	

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		PRIORITY PROJECTS													
		PRIOR FISCAL YEARS	FS	2017-18	FS	2018-19					FS	2019-20	FS	2020-21	FS
(Control Number)	(Project Number)	(Work Phase)													
FUNDING SUMMARY															
FEDERAL-AID FUNDS:															
LC (STP-Urbanized Areas > 200,000, Lincoln)				1,825.0		5,373.8		5,300.0		5,300.0					
HS (HSIP-Highway Safety Improvement Program)				1,630.5		349.6		3,540.1		940.5		500.0			
DPU (SAFETEA-LU Priority Project Funds)				0.0		0.0		0.0		0.0		0.0			
SUB-TOTAL FEDERAL-AID				3,455.5		5,723.4		8,840.1		6,240.5		5,800.0		0.0	30,059.5
STATE FUNDS:															
NE (State Funds)				11.0		3.9		0.0		52.3		0.0			
SUB-TOTAL OTHER FUNDS				11.0		3.9		0.0		52.3		0.0		0.0	67.2
LOCAL FUNDS:															
GR (General Revenue) [city funds]				0.0		0.0		0.0		0.0		0.0			
AC (Advanced Construction - City of Lincoln funds)				2,160.0		0.0		0.0		0.0		0.0			
LN (City of Lincoln Funds)				3,715.2		30,623.7		37,193.8		30,405.5		32,665.9			
RT (Railroad Transportation Safety District)				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			
SUB-TOTAL LOCAL FUNDS				5,875.2		30,623.7		37,193.8		30,405.5		32,665.9		0.0	136,764.1
TOTAL				21,037.2		36,351.0		46,033.9		36,698.3		38,465.9		6,240.3	184,826.6
STATUS OF PREVIOUS YEARS PROJECTS															
Projects Completed or Under Contract															
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.				Const/CE		9,979.7	LN								
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.				Const/CE		1,531.0		1857.00	AC						
C.N. 13243 LCLC-5247(13)															
Delayed															
None															
Moved out of Program															
None															

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		PRIOR FISCAL YEARS	FS	2017-18	FS	2018-19			FS	2019-20	FS	2020-21	FS
APPENDIX		(Project Number)	(Work Phase)										
1	Traffic Optimization and Management Program												
	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.		PE	56.18	LC								
			PE	-56.18	LN								
			Construction			70.0	LN						
		C.N. 13253	Construction			280.0	LC						
		LCLC-5239(9)	TOTAL	0.00		350.0		0.0		0.0		0.0	350.0
	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.		PE			64.04	LC						
			PE			-64.04	LN						
			Construction					528.0	LC				
		C.N. 13260	Construction					132.0	LN				
		LCLC-5239(10)	TOTAL	0.00		0.0		660.0		0.0		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.		PE	82.29	LC								
			PE	-82.29	LN								
			Construction			182.4	LN						
			Construction			500.0	LC	285.82	LC				
		C.N. 13261	Construction			285.82	AC	-285.82	LN				
		LCLC-5239(8)	TOTAL	0.00		968.2		0.0		0.0		0.0	968.2
	d. Traffic Signal Replacements, City of Lincoln:9th & A St., 9th & D St., 10th & A St., 10th & D Street												
	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.		PE			17.5	LC	73.7	LC	640.5	LC		
			PE			4.4	LN		18.4	LN	-640.5	LN	
			Const/CE					640.5	AC	22.3	LC		
			Const/CE					160.1	LN	5.6	LN		
			TOTAL	0.0		21.9		892.7		27.9		0.0	942.5

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APPENDIX											
	(Project Number)	(Work Phase)									
4	<u>Roadway and Bridge Rehabilitation</u>										
	a. 27th Street & Fairfield and West "O" Street Bridges over Salt Creek										
	Construction would include removing and replacing the grade beams and adding piling, removing and replacing the approach and paving sections and repairing guardrail and pavement adjacent to the project.										
	C.N. 13247	LCLC-5231(15)	Const/CE		1,760.0	AC		771.8	LC	988.2	LC
			Const/CE		2,200.0	LN		-771.8	LN	-988.2	LN
			TOTAL		0.0			3,960.0		0.0	
	b. Superior from 27th to Cornhusker										
	Repair and/or replacement of concrete panels as needed, repair joints, seal surface cracks and adjust manholes, utilities and inlets to grade. Within existing right-of-way.										
	CN 13316	LCLC 5254(10)	Const/CE	1,680.0	AC		361.8	LC		1,318.2	LC
			Const/CE	2,100.0	LN		-361.8	LN		-1,318.2	LN
			TOTAL	3,780.0			0.0			0.0	
	c. Old Cheney from 40th to Hwy 2										
	Repair and/or replacement of concrete panels as needed, repair joints, seal surface cracks, mill / overlay and adjust manholes, utilities and inlets to grade. Within existing right-of-way.										
	CN 13315	LCLC-5202(9)	Const/CE	1,252.0	AC		1,252.0	LC			
			Const/CE	1,565.0	LN		-1,252.0	LN			
			TOTAL	2,817.0			0.0			0.0	
	d. 27th Street from Holdrege to Fletcher										
	Repair and/or replacement of concrete panels as needed, repair joints, seal surface cracks and adjust manholes, utilities and inlets to grade. Within existing right-of-way.										
	CN13317	LCLC-5231(6)	Const/CE	1,960.0	AC			1,960.0	LC		
			Const/CE	2,450.0	LN			-1,960.0	LN		
			TOTAL	4,410.0			0.0			0.0	
	e. I-80 (NDOR project)										
			Const/CE	850.0	AC						
			Const/CE	590.0	LC		600.0	LC		250.0	LC
	CN 13111	NH-80-9(74)	Const/CE	1,210.0	LN		-600.0	LN		-250.0	LN
			TOTAL	2,650.0			0.0			0.0	
	f. Holdrege, 48th to 70th - Pavement Repair Project										
	Rehabilitation may include pavement repair, mill and overlay, curb ramp reconstruction and utility adjustments, Approximately 2.0 miles.										
			PE/NEPA	250.0	LC						
			Const/CE						1,540.0	LC	
			Const/CE						385.0	LN	
			TOTAL	250.0			0.0		1,925.0		
	g. 70th & Salt Creek Bridge - Road and Bridge Rehabilitation or Replacement Project										
	Rehabilitation roadway and bridge with replacement of existing bridge over Salt Creek, as needed, to be determined during the design phase of the project.										
			PE/NEPA	250.0	LC					1,771.8	LC
			Const/CE							443.0	LN
			Const/CE								
			TOTAL	250.0			0.0		2,214.8		

