

ONE AND SIX-YEAR ROAD AND BRIDGE CONSTRUCTION PROGRAM

FISCAL YEAR 2018



LANCASTER COUNTY, NEBRASKA

LANCASTER COUNTY ENGINEERING DEPARTMENT

444 CHERRY CREEK ROAD, BLDG. C • LINCOLN, NE 68528

(402) 441-7681

<http://lancaster.ne.gov/engineer>

ROAD PROJECT CARRIED OVER FROM 2013

Location	State Functional Classification	Existing Surface	ADT Latest Count	Township	Location from Sections	Length (Miles)	Type of Improvement	Design Standard	Estimated Cost
S 68 th Street (Roca Road to City of Hickman)	Other Arterial	Pavement	4982-5251	Saltillo	W-22,27	1.3	Engineering & ROW	ROA-1	\$200,000

ROAD PROJECT CARRIED OVER FROM 2017

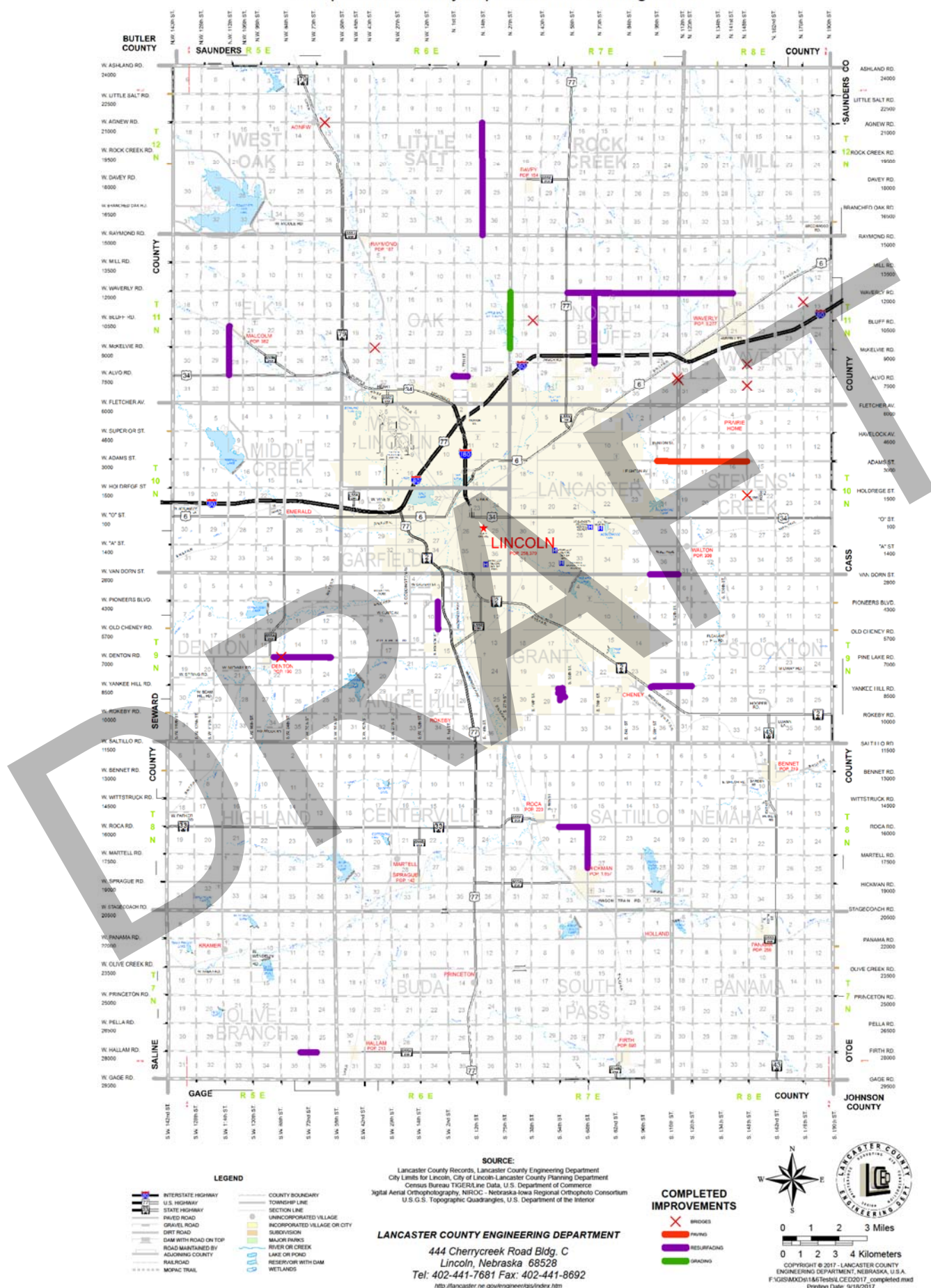
Location	State Functional Classification	Existing Surface	ADT Latest Count	Township	Location from Sections	Length (Miles)	Type of Improvement	Design Standard	Estimated Cost
Raymond Road (N 14 th Street to Village of Raymond)	Other Arterial	Pavement	2448-2841	Little Salt	S-32,33,34,35	4.5	2 nd Stage Pavement	NA	\$916,514

BRIDGE PROJECT CARRIED OVER FROM 2017

Location	State Functional Classification	ADT Latest Count	Township	Location From Sections	Type of Improvement	Estimated Cost
W Raymond Road (C-91)	Other Arterial	2729	Little Salt	S-34	140' Concrete Slab Bridge	\$1,500,000

LANCASTER COUNTY, NEBRASKA

Completed Roadway Improvements - through 2017



2017 ROAD PROJECTS COMPLETED OR UNDER CONSTRUCTION

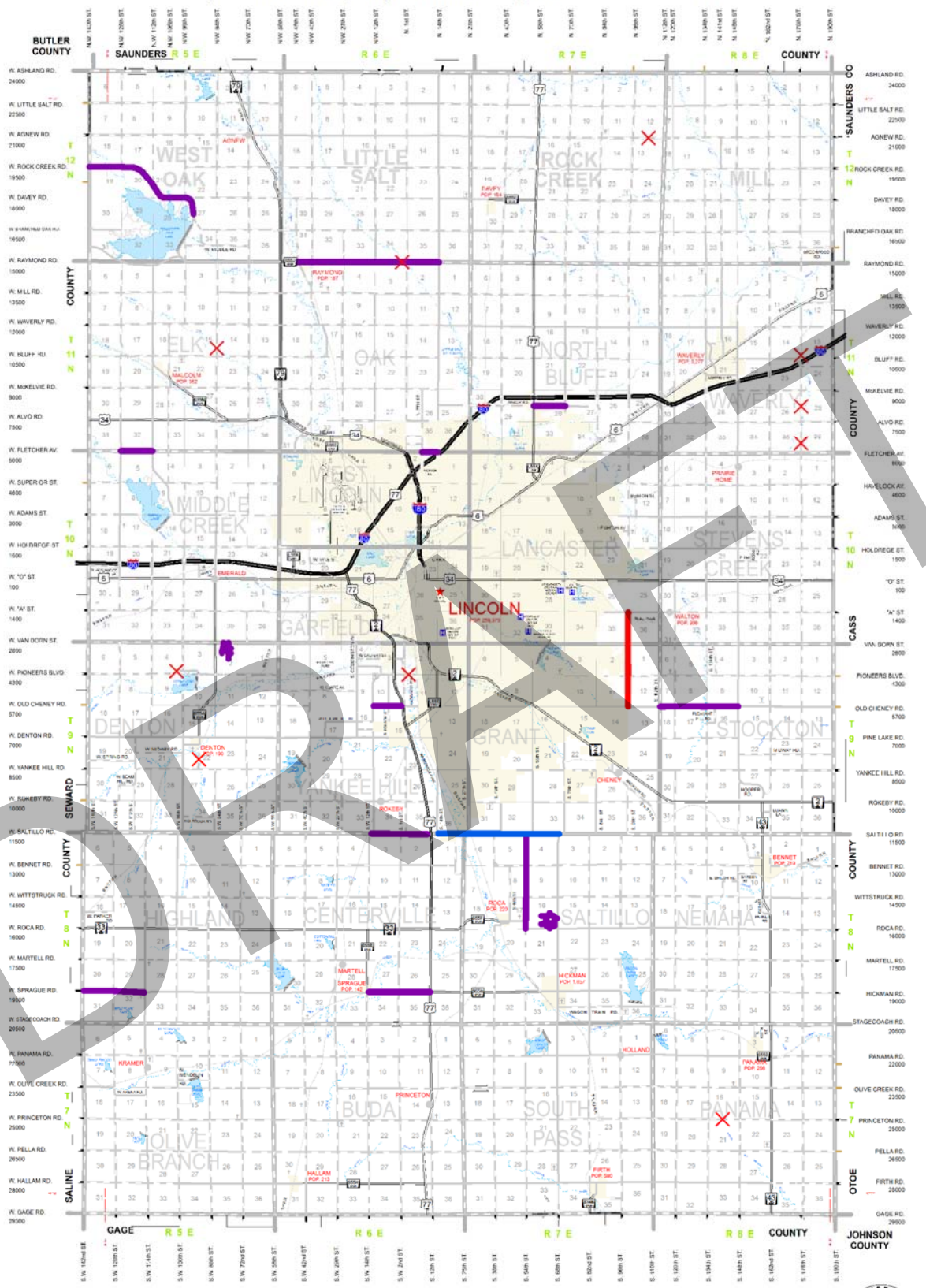
Location	State Functional Classification	Existing Surface	Township	Location from Sections	Length (Miles)	Type of Improvement	Actual Cost
N 14 th Street (Raymond Road to Agnew Road)	Other Arterial	Pavement	Little Salt	W-13,24,25,36	4.0	2 nd Stage Pavement	\$779,043
N 27 th Street (Waverly Road to McKelvie Road)	Local	Gravel	North Bluff	W-18,19	1.8	Grading & Structures	\$545,629
S 68 th Street (Roca Road to City of Hickman)	Other Arterial	Pavement	Saltillo	W-22,27	1.3	2nd Stage Pavement	\$302,775
N 70 th Street (Arbor Road to Waverly Road)	Collector	Pavement	North Bluff	W-15,22,27	2.9	2nd Stage Pavement	\$462,898
NW 112 th Street (Hwy 34 to Malcolm)	Other Arterial	Pavement	Elk	W-21,28	1.7	2nd Stage Pavement	\$363,501
E Adams Street (Stevens Creek to N. 148 th Street)	Other Arterial	Gravel	Lancaster Stevens Creek	S-12 S-7,8,9	3.3	Pavement	\$1,262,404
Alvo Road (N 1 st Street to N 7 th Street)	Local	Pavement	Oak	S-26	0.5	2nd Stage Pavement	\$185,037
W Denton Road (Village of Denton to SW 60 th Street)	Other Arterial	Pavement	Denton	S-13,14,15	2.0	2nd Stage Pavement	\$422,158
Folsom Street (Old Cheney Road to Pioneers Boulevard)	Local	Pavement	Yankee Hill	IN-10	1.0	2nd Stage Pavement	\$229,391
Hallam Road (east and west of SW 72 nd Street)	Other Arterial	Pavement	Olive Branch	S-25,26	0.6	2nd Stage Pavement	\$139,968
Kensington Estates (1 st Addition)	Local	Pavement	Grant	IN-29	0.9	2nd Stage Pavement	\$210,903
Roca Road (S 54 th Street to S 68 th Street)	Other Arterial	Pavement	Saltillo	S-16	1.0	2nd Stage Pavement	\$241,596
Van Dorn Street (S 98 th Street to S 112 th Street)	Other Arterial	Pavement	Lancaster	S-36	1.0	2nd Stage Pavement	\$229,555
Waverly Road (Hwy 77 to N 141 st Street)	Other Arterial	Pavement	North Bluff Waverly	S-9,10,11,12 S-7,8,9	5.9	2nd Stage Pavement	\$1,038,302
Yankee Hill Road (S 98 th Street to S 120 th Street)	Collector	Pavement	Stockton Grant	S-19 S-24	1.5	2 nd Stage Pavement	\$339,152
Miscellaneous Railroad Locations	-	Pavement	Varies	Varies	-	Advanced Railroad Pavement Markings	\$1,786
State portion of railroad pavement markings is \$16,074 (90%)						TOTAL	\$6,754,098

2017 BRIDGE PROJECTS COMPLETED OR UNDER CONSTRUCTION

Location	State Functional Classification	Township	Location from Sections	Type of Improvement	Actual Cost
N 112th Street (H-66)	Other Arterial	Waverly	W-31	Timber Back Wall Repair Scour Repair	\$119,202
N 148th Street (H-128)	Other Arterial	Waverly	W-27	Concrete Box Culvert	\$185,994
N 148th Street (H-130)	Other Arterial	Waverly	W-34	Concrete Box Culvert	\$214,979
N 148th Street (J-143)	Other Arterial	Stevens Creek	W-22	Concrete Box Culvert	\$314,964
N 176th Street (H-120)	Local	Waverly	W-13	Scour Repair	\$71,508
W Agnew Road (D-88)	Other Arterial	West Oak	S-12	Scour Repair	\$150,496
Alvo Road (G-111)	Local	North Bluff	S-25	Concrete Box Culvert	\$180,992
Bluff Road (G-144)	Local	North Bluff	S-18	Concrete Box Culvert	\$171,975
W Denton Road (N-138)	Other Arterial	Denton	S-15	Bridge Re-Decking	\$424,089
W McKelvie Road (F-225)	Local	Oak	S-20	Concrete Box Culvert	\$148,300
				TOTAL	\$1,982,499

LANCASTER COUNTY, NEBRASKA

Proposed Roadway Improvement Program - Fiscal Year 2018



- LEGEND**
- INTERSTATE HIGHWAY
 - U.S. HIGHWAY
 - STATE HIGHWAY
 - PAVED ROAD
 - GRAVEL ROAD
 - DIRT ROAD
 - DAM WITH ROAD ON TOP
 - ROAD MAINTAINED BY ADJOINING COUNTY
 - RAIL ROAD
 - MOPAC TRAIL
 - COUNTY BOUNDARY
 - TOWNSHIP LINE
 - SECTION LINE
 - UNINCORPORATED VILLAGE
 - INCORPORATED VILLAGE OR CITY
 - SUBDIVISION
 - MAJOR PARKS
 - RIVER OR CREEK
 - LANE ON ROAD
 - RESERVOIR WITH DAM
 - WETLANDS

SOURCE:
Lancaster County Records, Lancaster County Engineering Department
City Limits for Lincoln, City of Lincoln-Lancaster County Planning Department
Census Bureau TIGER/Line Data, U.S. Department of Commerce
Digital Aerial Orthophotography, NIROC - Nebraska-Iowa Regional Orthophoto Consortium
U.S.G.S. Topographic Quadrangles, U.S. Department of the Interior

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- PROPOSED IMPROVEMENTS**
- BRIDGE
 - RESURFACING
 - ENGINEERING

LANCASTER COUNTY ENGINEERING DEPT.

0 1 2 3 Miles
0 1 2 3 4 Kilometers

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2018 ROAD PROJECTS

Location	State Functional Classification	Existing Surface	ADT Latest Count	Township	Location from Sections	Length (Miles)	Type of Improvement	Design Standard	Estimated Cost	
S 54th Street (Saltillo Road to Roca Road)	Local	Pavement	940-1671	Saltillo	W-4,9,10	3.0	2nd Stage Pavement	NA	\$683,000	
S 98 th Street (Old Cheney to A Street)	Local	Gravel	188-400	Lancaster Grant	W-36 W-1,12	3.1	Pavement	RUTS	\$1,540,024	
Arbor Road (N 56 th Street to N 70 th Street)	Local	Pavement	1297	North Bluff	IN-28	1.0	2 nd Stage Pavement	NA	\$583,524	
Branched Oak Lake Rec Road	Collector	Pavement	179-671	West Oak	S-18 IN-20-21,27	4.2	2 nd Stage Pavement	NA	\$280,600	
Fletcher Avenue (N 7 th Street to N 14 th Street)	Local	Pavement	6247	Oak	S-35	0.5	2 nd Stage Pavement	NA	\$193,129	
W. Fletcher Avenue (NW 126 th Street to NW 112 th Street)	Local	Pavement	320	Elk	S-32	1.0	2 nd Stage Pavement	NA	\$225,000	
Meadow View Subdivision	-	Pavement	NA	Denton	IN-2	0.5	2nd Stage Pavement	NA	\$112,500	
Old Cheney Road (S 148 th Street to S 112 th Street)	Other Arterial	Pavement	2139-2593	Stockton	S-7,8,9	2.5	2 nd Stage Pavement	NA	\$562,500	
W Old Cheney Road (Hwy 77 to SW 12 th Street)	Local	Pavement	214-324	Yankee Hill	S-10	1.0	2 nd Stage Pavement	NA	\$233,000	
The Preserve at Cross Creek Subdivision (1st, 2nd and 4th Addition)	-	Pavement	NA	Saltillo	IN-16	1.4	2nd Stage Pavement	NA	\$315,000	
Raymond Road (N 14 th Street to Village of Raymond)	Other Arterial	Pavement	2448-2841	Little Salt	S-32,33,34,35	4.5	2 nd Stage Pavement	NA	\$916,514	
Saltillo Road (SW 12 th Street to Hwy 77)	Other Arterial	Pavement	754	Yankee Hill	S-34,35	2.0	2 nd Stage Pavement	NA	\$450,000	
Saltillo Road (S 14 th Street to S 68 th Street)	Other Arterial	Pavement	6299-7937	Yankee Hill Grant	S-36 S-31,32,33	3.8	Engineering Environmental	ROA-1	\$132,523	
W Sprague Road (SW 14 th Street to Hwy 77)	Other Arterial	Pavement	715-793	Centerville	S-26,27	2.0	2 nd Stage Pavement	NA	\$450,000	
W Sprague Road (SW 114 th Street to SW 142 nd Street)	Other Arterial	Pavement	1247-1390	Highland	S-29,30	2.0	2 nd Stage Pavement	NA	\$450,000	
City portion of Arbor Road is \$448,000 (62%) State portion of Branched Oak Lake Rec Road is \$420,900 (60%). City portion of Fletcher Avenue is \$65,000 (38%) State portion of Saltillo Road is \$723,184 (80%). City portion of Saltillo Road is \$48,723.									TOTAL	\$7,127,314

2018 STANDBY ROAD PROJECTS

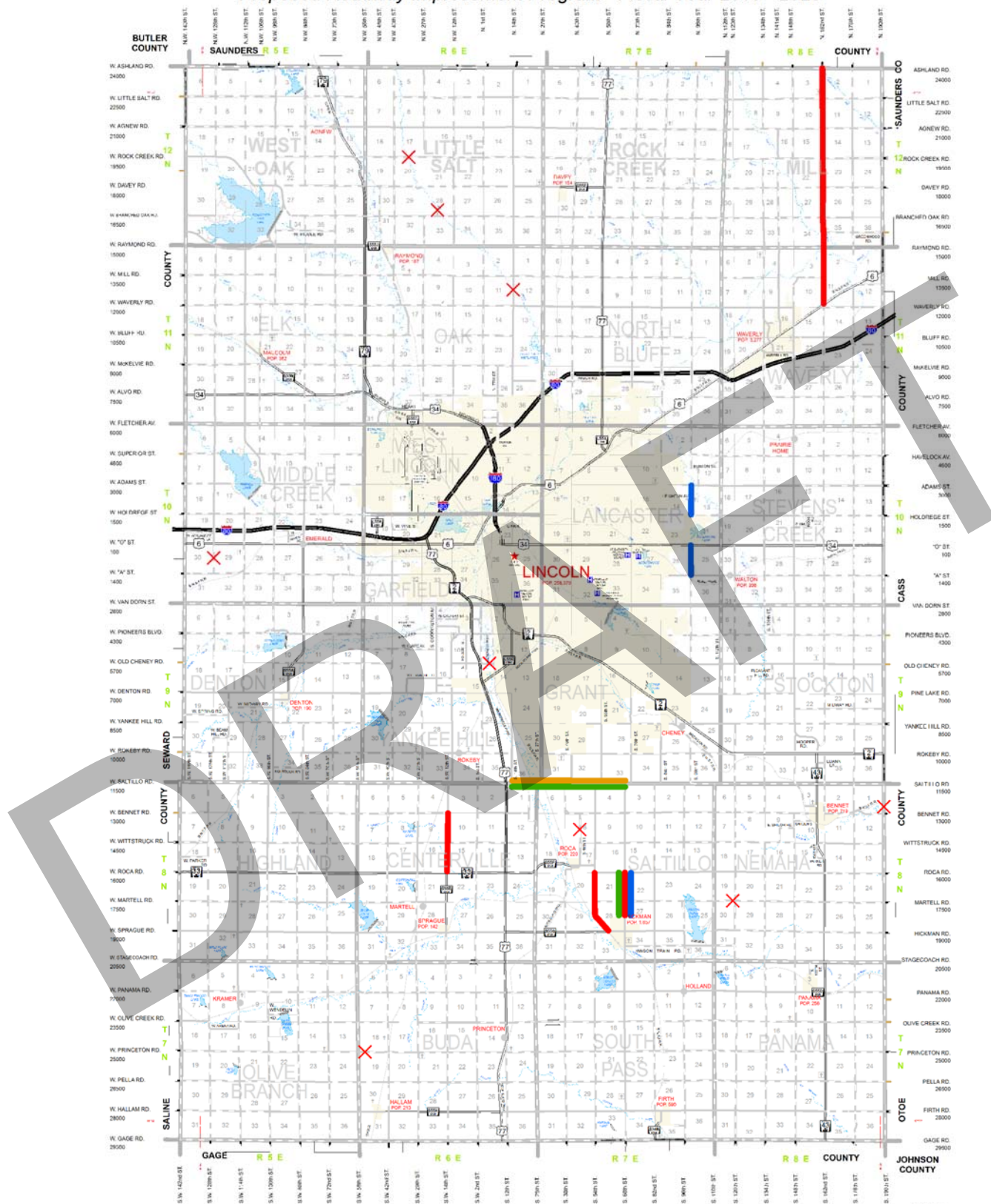
Location	State Functional Classification	Existing Surface	ADT Latest Count	Township	Location from Sections	Length (Miles)	Type of Improvement	Design Standard	Estimated Cost
N 98th Street (Holdrege Street to Adams Street)	Local	Gravel	376-449	Lancaster	W-13	1.0	ROW	RUTS	\$270,000
East Beltway	Expressway	-	-	Stockton Stevens Creek Waverly	IN-29,20,17,8,5 IN-32,29,20,17,8,5 IN-32,29	13.0	Engineering ROW	DR-2	\$1,650,000
City portion of East Beltway ROW is 50%. City portion of Saltillo Road is \$314,837. State portion of Saltillo Road is \$4,716,673.								TOTAL	\$1,920,000

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2018 BRIDGE PROJECTS

Location	State Functional Classification	ADT Latest Count	Township	Location From Sections	Type of Improvement	Estimated Cost
NW 84 th Street (E-117)	Local	72	Elk	W-14	Concrete Box Culvert	\$175,000
SW 91 st Street (N-114)	Local	15	Denton	IN-22	Concrete Box Culvert	\$125,000
N 176 th Street (H-211)	Local	42	Waverly	W-36	Concrete Box Culvert	\$150,000
N 176 th Street (H-119)	Local	64	Waverly	W-13	Scour Repair	\$200,000
N 176 th Street (H-115)	Local	41	Waverly	W-25	Concrete Box Culvert	\$37,500
Agnew Road (B-147)	Other Arterial	72	Rock Creek	S-12	Concrete Box Culvert	\$175,000
W Pioneers Boulevard (N-19)	Local	167	Denton	IN-4	Concrete Box Culvert	\$375,000
W Pioneers Boulevard (O-175)	Other Arterial	2885	Yankee Hill	S-2	Scour Repair	\$290,000
Princeton Road (Y-181)	Local	22	Panama	S-16	Concrete Box Culvert	\$43,750
W Raymond Road (C-91)	Other Arterial	2729	Little Salt	S-34	140' Concrete Slab Bridge	\$1,500,000
NEMA Hazard Mitigation Grant will cover 75% of H-115 and Y-181 cost.					Total	\$3,071,250

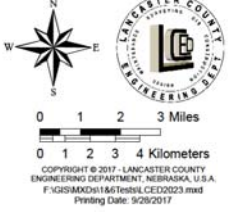
Proposed Roadway Improvement Program - Fiscal Year 2019 - 2023



SOURCE:
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- PROPOSED IMPROVEMENTS**
- X BRIDGE
 - PAVING
 - GRADING
 - RIGHT OF WAY
 - ENGINEERING



- LEGEND**
- INTERSTATE HIGHWAY
 - U.S. HIGHWAY
 - STATE HIGHWAY
 - PAVED ROAD
 - GRAVEL ROAD
 - DIRT ROAD
 - DAM WITH ROAD ON TOP
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 - WETLANDS

2019-2023 ROAD PROJECTS

Location	State Functional Classification	Existing Surface	ADT Latest Count	Township	Location from Sections	Length (Miles)	Type of Improvement	Design Standard	Estimated Cost
SW 14 th Street (Hwy 33 to Bennet Road)	Local	Gravel	341-344	Centerville	W-10,15	2.0	Pavement	ROA-1	\$980,000
S 54 th Street (Roca Road to City of Hickman)	Local	Pavement	174-223	Saltillo	W-21,28	2.2	Pavement	ROA-1	\$1,000,000
S 68 th Street (Roca Road to City of Hickman)	Other Arterial	Pavement	4982-5251	Saltillo	W-22,27	1.3	Engineering	ROA-1	\$75,000
S 68 th Street (Roca Road to City of Hickman)	Other Arterial	Pavement	4982-5251	Saltillo	W-22,27	1.3	Grading Structures Pavement	ROA-1	\$1,500,000
N 98 th Street (Adams Street to Holdrege Street)	Local	Gravel	376-449	Lancaster	W-13	1.0	Engineering	RUTS	\$75,000
S 98 th Street (A Street to O Street)	-	-	-	Lancaster	W-25	1.0	Engineering	RUTS	\$75,000
N 162 nd Street (Hwy 6 to Ashland Road)	Local	Gravel	419	Waverly Mill	W-11,2 W-35,26	8.0	Pavement	ROA-1	\$4,000,000
Saltillo Road (S 14 th Street to S 68 th Street)	Other Arterial	Pavement	6299-7937	Yankee Hill Grant	S-36 S-31,32,33	3.8	ROW Grading Shoulders Turn Lanes	ROA-1	\$1,000,000
Various Locations	Other Arterial	Pavement	Varies	Varies	Varies	Varies	2 nd Stage Pavement	NA	\$11,920,000
City portion of Saltillo Road is \$187,541. State portion of Saltillo Road is \$6,000,000.								TOTAL	\$20,625,000

2019-2023 BRIDGE PROJECTS

Location	State Functional Classification	ADT Latest Count	Township	Location from Sections	Type of Improvement	Estimated Cost
N 14th Street (F-88)	Other Arterial	3703	Oak	W-12	125' 3-Span Concrete Slab Bridge	\$1,250,000
NW 19th Street (C-262)	Local	4	Little Salt	IN-28	100' 3-Span Concrete Slab Bridge	\$1,000,000
S 46 th Street (S-59)	Local	225	Saltillo	IN-8	Concrete Box Culvert	\$175,000
NW 126th Street (M-178)	Local	38	Middle Creek	W-29	125' 3-Span Concrete Slab Bridge	\$1,250,000
S 190 th Street (R-15)	Local	51	Nemaha	E-1	125' 3-Span Concrete Slab Bridge	\$1,250,000
Martell Road (R-210)	Local	36	Nemaha	S-19	Concrete Box Culvert	\$175,000
W Old Cheney Road (O-37)	Local	9938	Yankee Hill	S-11	Scour Repair	\$290,000
W Princeton Road (W-164)	Local	48	Buda	S-18	Concrete Box Culvert	\$175,000
W Rock Creek Road (C-220)	Local	28	Little Salt	S-17	100' 3-Span Concrete Slab Bridge	\$1,000,000
					Total	\$6,565,000