

City Hall • 8500 Santa Fe Drive
Overland Park, Kansas 66212
913/895-6040 • Fax 913/895-5055

www.opkansas.org

April 14, 2015

Mr. Richard S. Frazier, Engineering Technician
Johnson County Public Works Department
1800 W. Old Highway 56
Olathe, Kansas 66061

**COUNTY ASSISTANCE ROAD SYSTEM (CARS)
PROPOSED 2016-2020 FIVE-YEAR PROGRAM SUBMISSION**

Dear Richard:

We are pleased to submit our 2016-2020 CARS requests for your review and recommendation for funding. We have requested CARS funding for nineteen projects. For these nineteen projects, our total Five-Year CARS request is \$22,182,000. For the five projects programmed for 2016, our funding request is \$7,081,000.

- Our top priority project for 2016 is 159th Street, Nall Avenue to Mission Road. Our funding request for this project is \$5,751,000.

In lieu of a separate city resolution, please accept the enclosed City's five year Capital Improvement Program (CIP) as acknowledgement and acceptance of our Five-Year Program request. All of the capacity projects, as shown in our request, are included in the enclosed CIP which was adopted for budget planning purposes by the City Council on March 16, 2015.

The CARS program is a very significant contributor to our ability to provide the needed transportation infrastructure in Overland Park. We are confident that your review of the 2016 program funding requests will recognize the critical needs in Overland Park and recommend funding allocations accordingly.

If you have any questions, please do not hesitate to contact me at 913/895-6040.

Sincerely,


LARRY BLANKENSHIP
ACTING CITY ENGINEER

jea

Enclosures: City of Overland Park 2016-2020 Capital Improvements Program
County Assistance Road System 2016-2020 Program Summary Sheet
County Assistance Road System Form A's with Project Map
Current Project Cost Estimates for the 2016 Program Year

Email: Bill Ebel, City Manager
Kristy Stallings, Deputy City Manager
Tony Hofmann, Director of Public Works

Brian Shields, P.E., City Traffic Engineer
Wayne Gudenkauf, P.E., Supervisory Civil Engineer
Daniel G. Miller, P.E., City Engineer

County Assistance Road System 2016-2020 Program Summary Sheet

Participating City: Overland Park

Year/ Priority	Project Location	Proposed		Project Type	Total Project Cost	Total Construction Cost	Federal Funding	CARS Eligible	CARS Program Funding Request
		Start	Finish						
16-1	159th Street, Nall Avenue to Mission Road	Mar-16	Oct-16	Capacity	\$ 13,303,676	\$ 11,503,676	\$ -	\$ 11,503,676	\$ 5,751,000
16-2	119th Street, 1178' east of Switzer to 2925' west of Antioch, Overlay	Mar-16	Oct-16	Major Maintenance	\$ 470,000	\$ 470,000	\$ -	\$ 470,000	\$ 235,000
16-3	Santa Fe Trail Drive, 79th Street to 83rd Street, Overlay	Mar-16	Oct-16	Major Maintenance	\$ 330,000	\$ 330,000	\$ -	\$ 330,000	\$ 165,000
16-4	Antioch Road, 143rd Street to 151st Street, Overlay	Mar-16	Oct-16	Major Maintenance	\$ 868,000	\$ 868,000	\$ -	\$ 868,000	\$ 434,000
16-5	Antioch Road, 135th Street to 143rd Street, Overlay	Mar-16	Oct-16	Major Maintenance	\$ 992,000	\$ 992,000	\$ -	\$ 992,000	\$ 496,000

Total 2016 \$ 7,081,000

17-1	Quivira Road, 151st Street to 159th Street	Mar-17	Oct-17	Capacity	\$ 9,475,000	\$ 6,010,000	\$ -	\$ 6,010,000	\$ 2,000,000
17-2	Antioch Road, County Line to 54th Terrace, Overlay Joint project with Merriam (50%)	Mar-17	Oct-17	Major Maintenance	\$ 678,000	\$ 678,000	\$ -	\$ 678,000	\$ 339,000
17-3	Antioch Road, 120th Terrace to 135th Street, Overlay	Mar-17	Oct-17	Major Maintenance	\$ 1,260,000	\$ 1,260,000	\$ -	\$ 1,260,000	\$ 630,000
17-4	143rd Street, Switzer Road to Antioch Road, Overlay	Mar-17	Oct-17	Major Maintenance	\$ 816,000	\$ 816,000	\$ -	\$ 816,000	\$ 408,000
17-5	Lamar Avenue from 83rd Street to I-435, Streetlighting (including cross streets of 87th and 107th)	Mar-17	Dec-17	Route Enhancement	\$ 610,000	\$ 560,000	\$ -	\$ 560,000	\$ 280,000

Total 2017 \$ 3,657,000

18-1	Quivira Road, 183rd Street to 187th Street	Mar-18	Oct-18	Capacity	\$ 4,050,000	\$ 2,950,000	\$ -	\$ 2,950,000	\$ 1,475,000
18-2	Metcalf Avenue, 159th Street to 167th Street Joint project with Johnson County (25%)	Mar-18	Oct-18	Capacity	\$ 10,645,000	\$ 8,375,000	\$ 6,640,000	\$ 1,735,000	\$ 867,000
18-3	Metcalf Avenue, 99th Street to I-435, Overlay	Mar-18	Oct-18	Major Maintenance	\$ 1,532,000	\$ 1,532,000	\$ -	\$ 1,532,000	\$ 766,000
18-4	119th Street, Quivira Road to US-69, Overlay	Mar-18	Oct-18	Major Maintenance	\$ 690,000	\$ 690,000	\$ -	\$ 690,000	\$ 345,000

Total 2018 \$ 3,453,000

**County Assistance Road System
2016-2020 Program Summary Sheet**

Participating City: Overland Park

Year/ Priority	Project Location	Proposed		Project Type	Total Project Cost	Total Construction Cost	Federal Funding	CARS Eligible	CARS Program Funding Request
		Start	Finish						
19-1	Quivira Road, 159th Street to 175th Street	Mar-19	Oct-20	Capacity	\$ 22,675,000	\$ 15,725,000	\$ 4,000,000	\$ 11,725,000	\$ 2,931,000
19-2	Metcalf Avenue, 75th Street to 87th Street, Overlay	Mar-19	Oct-19	Major Maintenance	\$ 1,180,000	\$ 1,180,000	\$ -	\$ 1,180,000	\$ 590,000
19-3	95th Street, Switzer Road to Antioch Road, Overlay	Mar-19	Oct-19	Major Maintenance	\$ 902,000	\$ 902,000	\$ -	\$ 902,000	\$ 451,000

Total 2019 \$ 3,972,000

20-1	Quivira Road, 159th Street to 175th Street (Continuation Project)	Mar-19	Oct-20	Capacity	\$ 22,675,000	\$ 15,725,000	\$ 4,000,000	\$ 11,725,000	\$ 2,931,000
20-2	College Boulevard, US-69 to Nall Avenue, Overlay	Mar-20	Oct-20	Major Maintenance	\$ 2,176,000	\$ 2,176,000	\$ -	\$ 2,176,000	\$ 1,088,000

Total 2020 \$ 4,019,000

Year	CARS Program Funding Request
2016	\$ 7,081,000
2017	\$ 3,657,000
2018	\$ 3,453,000
2019	\$ 3,972,000
2020	\$ 4,019,000

Total \$ 22,182,000

CARS Form A
2016--2020 Project Application for the
County Assistance Road System (CARS) Program

Submit one form for each project. Make copies of this form as needed.

*Complete & Return **by April 14, 2015***

Submitting City: Overland Park **Number 1 Priority (Y/N):** Y

Project Location: 159th Street, Nall Avenue to Mission Road

Joint Project With: _____ **Administrating City:** Overland Park

Contact Name & Title: Daniel G. Miller , P.E., City Engineer **County Commission District(s) #:** 3

Estimated Project Schedule: Start Date (mo/yr): 03/2016 **Completion Date (mo/yr):** 10/2016

Current Average Daily Traffic (ADT): 6,700 (2011) **Accident History (Prior 3 Years):** 29

Project Type: ☒ Capacity Major Maintenance Bridge Replacement Bridge Rehabilitation
 Route Enhancement System Management

Current Level of Service (LOS) [System Management Projects Only]: _____

Sufficiency Rating (Bridge Projects): _____ **Pavement Condition:** Good Fair ☒ Poor

Detailed Description of Existing Facility:

Two lane section line road 24 foot wide with no curb and gutter, storm sewers, street lights, or sidewalks.

Detailed Description of Project Scope:

Reconstruct to four lane thoroughfare standards with curb and gutter, storm sewers, street lights, and sidewalks. This project includes a roundabout at the intersection of 159th Street and Mission Road.

Project Cost Information *

1.	Design Cost:	<u>\$800,000</u>
2.	Right-of-way acquisition cost:	<u>\$500,000</u>
3.	Utility relocation Cost:	<u>\$500,000</u>
4.	Construction cost:	<u>\$10,953,676</u>
5.	Construction engineering cost:	<u>\$550,000</u>
	Total project cost:	<u>\$13,303,676</u>

Calculation of CARS Eligible costs:

A.	Sum item # 4 & 5 above	(+)	<u>\$11,503,676</u>
B.	Federal Aid Participation	(-)	<u> </u>
C.	State Aid Participation	(-)	<u> </u>
D.	Other Non-local Participation	(-)	<u> </u>
	Subtotal (CARS eligible costs)		<u>\$11,503,676</u>
	CARS Funding request		<u>\$5,751,000</u>

(Request cannot exceed 50% of the CARS eligible costs)

Funding participation by other cities:

City Name: _____ Funding: _____
City Name: _____ Funding: _____

*Program policies require that a licensed professional engineer prepare and seal construction cost estimates for upcoming fiscal year projects (i.e., 2016 Program Projects). A copy of the sealed estimates **must** be furnished for all 2016 CARS Program requests.

159th Street (Nall to Mission) City of Overland Park, Kansas OP PROJECT NO. TH-0872 Preliminary				4/9/15	
Bid Item No.	Item Description	Unit	Approx. Quantity	Unit Price	Total
Roadway Items					
1	Force Account (Set)	Lump Sum	1	\$ 200,000.00	\$ 200,000.00
2	Maintenance Bond	Lump Sum	1	\$ 30,000.00	\$ 30,000.00
3	Clearing & Grubbing	Lump Sum	1	\$ 100,000.00	\$ 100,000.00
4	Removal of Existing Structures	Lump Sum	1	\$ 150,000.00	\$ 150,000.00
5	Unclassified Excavation	Cu. Yd.	148,950	\$ 16.00	\$ 2,383,200.00
6	Compaction of Earthwork (All Types)	Cu. Yd.	55,100	\$ 8.00	\$ 440,800.00
7	Excavation (Unsuitable)	Cu. Yd.	4,000	\$ 20.00	\$ 80,000.00
8	Asphaltic Concrete Intermediate Course	Ton	3,896	\$ 80.00	\$ 311,680.00
9	Asphaltic Concrete Surface Course	Ton	168	\$ 85.00	\$ 14,280.00
10	Asphalt Patching (est.)	Ton	100	\$ 110.00	\$ 11,000.00
11	Temporary Surfacing Material (Hot Mix Asphalt - Commercial Grade (Intermediate Course) (est)	Ton	1,250	\$ 85.00	\$ 106,250.00
12	Temporary Surfacing Material (AB-3 O.P. Modified) (est)	Ton	1,000	\$ 25.00	\$ 25,000.00
13	Fly Ash	Ton	3,180	\$ 50.00	\$ 159,000.00
14	Manipulation for Fly Ash Treated Subgrade (8")	Sq. Yd.	53,544	\$ 2.75	\$ 147,246.00
15	Aggregate Base Course (OP Special) (6")	Sq. Yd.	48,326	\$ 10.00	\$ 483,260.00
16	Concrete Pavement (AE) (9")	Sq. Yd.	38,686	\$ 75.00	\$ 2,901,450.00
17	Concrete Pavers	Sq. Ft.	10,383	\$ 15.00	\$ 155,745.00
18	Aggregate Base (AB-3 O.P. Modified - 7" Drives)	Sq. Yd.	419	\$ 11.00	\$ 4,609.00
19	Aggregate Base (AB-3 O.P. Modified - 4" under asphalt trail)	Sq Yd.	6,410	\$ 7.00	\$ 44,870.00
20	Asphalt Driveway (Intermediate Course)	Ton	150	\$ 150.00	\$ 22,500.00
21	Asphalt Sidewalk (Intermediate Course)	Ton	1,394	\$ 85.00	\$ 118,490.00
22	Curb & Gutter, Combined (Type A)	Lin. Feet	463	\$ 17.00	\$ 7,871.00
23	Curb & Gutter, Combined (Type B)	Lin. Feet	12,667	\$ 18.00	\$ 228,006.00
24	Curb & Gutter, Combined (Special)	Lin. Feet	667	\$ 17.00	\$ 11,339.00
25	Median Curb, (Type E)	Lin. Feet	11,351	\$ 16.00	\$ 181,616.00
26	Concrete Truck Apron Pavers	Sq. Ft.	3,903	\$ 28.00	\$ 109,284.00
27	Concrete Median Nose	Each	4	\$ 1,000.00	\$ 4,000.00
28	Concrete Entrance Pavement (6")	Sq. Yd.	188	\$ 60.00	\$ 11,280.00
29	KCMMB 4k Concrete - Integral Sidewalk Retaining Wall	Cu. Yd.	49	\$ 750.00	\$ 36,750.00
30	Sidewalk Construction (4")	Sq. Ft.	33,885	\$ 5.00	\$ 169,425.00
31	Sidewalk Ramp w/ Detectable Warning Surface	Sq. Ft.	2,231	\$ 10.00	\$ 22,310.00
32	Detectable Warning Surface	Sq. Ft.	297	\$ 50.00	\$ 14,850.00
33	Manhole Structure Modification	Each	4	\$ 3,000.00	\$ 12,000.00
34	Adjustment of Manhole	Each	2	\$ 750.00	\$ 1,500.00
35	15" RCP Class III Storm Sewer	Lin. Feet	3,872	\$ 65.00	\$ 251,680.00
36	18" RCP Class III Storm Sewer	Lin. Feet	964	\$ 70.00	\$ 67,480.00
37	24" RCP Class III Storm Sewer	Lin. Feet	874	\$ 85.00	\$ 74,290.00
38	30" RCP Class III Storm Sewer	Lin. Feet	39	\$ 115.00	\$ 4,485.00
39	42" RCP Class III Storm Sewer	Lin. Feet	97	\$ 160.00	\$ 15,520.00
40	54" RCP Class III Storm Sewer	Lin. Feet	176	\$ 250.00	\$ 44,000.00
41	6' x 6' Reinforced Concrete Box Culvert (Precast)	Lin. Feet	242	\$ 600.00	\$ 145,200.00
42	SQU Structure	Each	4	\$ 50,000.00	\$ 200,000.00
43	Structure Modification	Each	0	\$ 2,500.00	\$ -
44	4' x 4' Junction Box	Each	5	\$ 5,000.00	\$ 25,000.00
45	6' x 6' Junction Box	Each	2	\$ 7,000.00	\$ 14,000.00
46	4' x 4' Area Inlet	Each	3	\$ 4,500.00	\$ 13,500.00
47	6' x 4' Curb Inlet	Each	32	\$ 5,500.00	\$ 176,000.00
48	10' x 4' Curb Inlet	Each	1	\$ 7,000.00	\$ 7,000.00
49	6' x 3' Median Curb Inlet	Each	3	\$ 4,500.00	\$ 13,500.00
50	15" End Section (RC Class III)	Each	3	\$ 1,500.00	\$ 4,500.00
51	24" End Section (RC Class III)	Each	2	\$ 2,200.00	\$ 4,400.00
52	54" End Section (RC Class III)	Each	1	\$ 4,500.00	\$ 4,500.00

159th Street (Nall to Mission) City of Overland Park, Kansas OP PROJECT NO. TH-0872 Preliminary				4/9/15	
Bid Item No.	Item Description	Unit	Approx. Quantity	Unit Price	Total
53	Concrete Collar	Each	0	\$ 1,000.00	\$ -
54	Riprap (Light Series 18")	Sq. Yd.	14	\$ 50.00	\$ 700.00
55	Riprap (Heavy Series- 1 Ton)	Sq. Yd.	265	\$ 100.00	\$ 26,500.00
56	Pipe Underdrain (6") (All Types)	Lin. Feet	11,178	\$ 15.00	\$ 167,670.00
57	Private Drainage Connection	Each	5	\$ 3,500.00	\$ 17,500.00
58	Street Lighting Installation	Lump Sum	1	\$ 250,000.00	\$ 250,000.00
59	Permanent Traffic Control Signing	Lump Sum	1	\$ 20,000.00	\$ 20,000.00
60	Traffic Control	Lump Sum	1	\$ 65,000.00	\$ 65,000.00
61	Permanent Pavement Marking	Lump Sum	1	\$ 25,000.00	\$ 25,000.00
62	Temporary Pavement Marking	Lump Sum	1	\$ 15,000.00	\$ 15,000.00
63	Service Water Line Relocation (Est)	Lin. Feet	250	\$ 40.00	\$ 10,000.00
64	Temporary Project Water Pollution Control	Lump Sum	1	\$ 150,000.00	\$ 150,000.00
65	Seeding and Sodding	Lump Sum	1	\$ 150,000.00	\$ 150,000.00
66	Fescue Sod	Sq. Yd.	13,328	\$ 5.00	\$ 66,640.00
67	Topsoil	Cu. Yd.	2,000	\$ 23.00	\$ 46,000.00
68	Fencing	Lump Sum	1	\$ 90,000.00	\$ 90,000.00
69	Handrail (42-inch Metal)	Lin. Feet	100	\$ 100.00	\$ 10,000.00
70	Land Corner Monument Box	Each	2	\$ 2,000.00	\$ 4,000.00
71	Contractor Construction Staking	Lump Sum	1	\$ 55,000.00	\$ 55,000.00
72	Lawn Sprinkler System	Lump Sum	1	\$ 20,000.00	\$ 20,000.00
Grand Total					\$ 10,953,676.00



CARS Form A
2016--2020 Project Application for the
County Assistance Road System (CARS) Program

Submit one form for each project. Make copies of this form as needed.

*Complete & Return **by April 14, 2015***

Submitting City: Overland Park **Number 1 Priority (Y/N):** N

Project Location: 119th Street, 1178' east of Switzer to 2925' west of Antioch, Overlay

Joint Project With: _____ **Administrating City:** Overland Park

Contact Name & Title: Daniel G. Miller , P.E., City Engineer **County Commission District(s) #:** 3,4

Estimated Project Schedule: Start Date (mo/yr): 03/2016 **Completion Date (mo/yr):** 10/2016

Current Average Daily Traffic (ADT): 30,000 (2013) **Accident History (Prior 3 Years):** 58

Project Type: Capacity ☒ Major Maintenance Bridge Replacement Bridge Rehabilitation
 Route Enhancement System Management

Current Level of Service (LOS) [System Management Projects Only]: _____

Sufficiency Rating (Bridge Projects): _____ **Pavement Condition:** Good Fair ☒ Poor

Detailed Description of Existing Facility:

Pavement surface on thoroughfares has deteriorated to the point where cold milling and overlay is necessary along with curb repair as required.

Detailed Description of Project Scope:

Cold mill approximately 2 inches of surface asphalt and overlay with same. Install new pavement markings. Install new sidewalk ramps per ADA as required. Repair or replace deteriorated curbs and gutters as required.

Project Cost Information *

1.	Design Cost:	_____
2.	Right-of-way acquisition cost:	_____
3.	Utility relocation Cost:	_____
4.	Construction cost:	\$470,000
5.	Construction engineering cost:	_____
	Total project cost:	\$470,000

Calculation of CARS Eligible costs:

A.	Sum item # 4 & 5 above	(+)	\$470,000
B.	Federal Aid Participation	(-)	_____
C.	State Aid Participation	(-)	_____
D.	Other Non-local Participation	(-)	_____
	Subtotal (CARS eligible costs)		\$470,000
	CARS Funding request		\$235,000

(Request cannot exceed 50% of the CARS eligible costs)

Funding participation by other cities:

City Name: _____ Funding: _____
City Name: _____ Funding: _____

*Program policies require that a licensed professional engineer prepare and seal construction cost estimates for upcoming fiscal year projects (i.e., 2016 Program Projects). A copy of the sealed estimates **must** be furnished for all 2016 CARS Program requests.

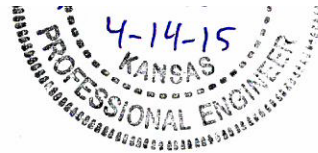
**CITY OF OVERLAND PARK
2016 CARS SUBMITTAL**

119TH STREET, 1178' EAST OF SWITZER TO 2925' WEST OF ANTIOCH, OVERLAY

ENGINEER'S ESTIMATE

Total Construction Cost \$470,000.00

seal



**KYLE DIECKMANN, P.E.
CIVIL ENGINEER, SENIOR**

CARS Form A
2016--2020 Project Application for the
County Assistance Road System (CARS) Program

Submit one form for each project. Make copies of this form as needed.

*Complete & Return **by April 14, 2015***

Submitting City: Overland Park **Number 1 Priority (Y/N):** N

Project Location: Santa Fe Trail Drive, 79th Street to 83rd Street, Overlay

Joint Project With: _____ **Administrating City:** Overland Park

Contact Name & Title: Daniel G. Miller , P.E., City Engineer **County Commission District(s) #:** 4

Estimated Project Schedule: Start Date (mo/yr): 03/2016 **Completion Date (mo/yr):** 10/2016

Current Average Daily Traffic (ADT): 11,200 (2014) **Accident History (Prior 3 Years):** 31

Project Type: Capacity ☐ Major Maintenance ☒ Bridge Replacement ☐ Bridge Rehabilitation
Route Enhancement ☐ System Management ☐

Current Level of Service (LOS) [System Management Projects Only]: _____

Sufficiency Rating (Bridge Projects): _____ **Pavement Condition:** Good ☐ Fair ☒ Poor ☐

Detailed Description of Existing Facility:

Pavement surface on thoroughfares has deteriorated to the point where cold milling and overlay is necessary along with curb repair as required.

Detailed Description of Project Scope:

Cold mill approximately 2 inches of surface asphalt and overlay with same. Install new pavement markings. Install new sidewalk ramps per ADA as required. Repair or replace deteriorated curbs and gutters as required.

Project Cost Information *

1.	Design Cost:	_____
2.	Right-of-way acquisition cost:	_____
3.	Utility relocation Cost:	_____
4.	Construction cost:	\$330,000
5.	Construction engineering cost:	_____
	Total project cost:	\$330,000

Calculation of CARS Eligible costs:

A.	Sum item # 4 & 5 above	(+)	\$330,000
B.	Federal Aid Participation	(-)	_____
C.	State Aid Participation	(-)	_____
D.	Other Non-local Participation	(-)	_____
	Subtotal (CARS eligible costs)		\$330,000
	CARS Funding request		\$165,000
	(Request cannot exceed 50% of the CARS eligible costs)		

Funding participation by other cities:

City Name:	_____	Funding:	_____
City Name:	_____	Funding:	_____

*Program policies require that a licensed professional engineer prepare and seal construction cost estimates for upcoming fiscal year projects (i.e., 2016 Program Projects). A copy of the sealed estimates **must** be furnished for all 2016 CARS Program requests.

SANTA FE TRAIL DRIVE, 79TH STREET TO 83RD STREET, OVERLAY

Total Construction Cost	\$330,000.00
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4-14-15
KANSAS
PROFESSIONAL ENGINEER

KYLE DIECKMANN, P.E.
CIVIL ENGINEER, SENIOR

CARS Form A
2016--2020 Project Application for the
County Assistance Road System (CARS) Program

Submit one form for each project. Make copies of this form as needed.

*Complete & Return **by April 14, 2015***

Submitting City: Overland Park **Number 1 Priority (Y/N):** N

Project Location: Antioch Road, 143rd Street to 151st Street, Overlay

Joint Project With: _____ **Administrating City:** Overland Park

Contact Name & Title: Daniel G. Miller , P.E., City Engineer **County Commission District(s) #:** 3

Estimated Project Schedule: Start Date (mo/yr): 03/2016 **Completion Date (mo/yr):** 10/2016

Current Average Daily Traffic (ADT): 11,300 (2013) **Accident History (Prior 3 Years):** 39

Project Type: Capacity ☒ Major Maintenance Bridge Replacement Bridge Rehabilitation
 Route Enhancement System Management

Current Level of Service (LOS) [System Management Projects Only]: _____

Sufficiency Rating (Bridge Projects): _____ **Pavement Condition:** Good Fair Poor ☒

Detailed Description of Existing Facility:

Pavement surface on thoroughfares has deteriorated to the point where cold milling and overlay is necessary along with curb repair as required.

Detailed Description of Project Scope:

Cold mill approximately 2 inches of surface asphalt and overlay with same. Install new pavement markings. Install new sidewalk ramps per ADA as required. Repair or replace deteriorated curbs and gutters as required.

Project Cost Information *

1.	Design Cost:	_____
2.	Right-of-way acquisition cost:	_____
3.	Utility relocation Cost:	_____
4.	Construction cost:	\$868,000
5.	Construction engineering cost:	_____
	Total project cost:	\$868,000

Calculation of CARS Eligible costs:

A.	Sum item # 4 & 5 above	(+)	\$868,000
B.	Federal Aid Participation	(-)	_____
C.	State Aid Participation	(-)	_____
D.	Other Non-local Participation	(-)	_____
	Subtotal (CARS eligible costs)		\$868,000
	CARS Funding request		\$434,000

(Request cannot exceed 50% of the CARS eligible costs)

Funding participation by other cities:

City Name: _____ Funding: _____
City Name: _____ Funding: _____

*Program policies require that a licensed professional engineer prepare and seal construction cost estimates for upcoming fiscal year projects (i.e., 2016 Program Projects). A copy of the sealed estimates **must** be furnished for all 2016 CARS Program requests.

CITY OF OVERLAND PARK
2016 CARS SUBMITTAL

ANTIOCH ROAD, 143RD STREET TO 151ST STREET, OVERLAY

ENGINEER'S ESTIMATE

Total Construction Cost \$868,000.00

.....

seal



KYLE DIECKMANN, P.E.
CIVIL ENGINEER, SENIOR

CARS Form A
2016--2020 Project Application for the
County Assistance Road System (CARS) Program

Submit one form for each project. Make copies of this form as needed.

*Complete & Return **by April 14, 2015***

Submitting City: Overland Park **Number 1 Priority (Y/N):** N

Project Location: Antioch Road, 135th Street to 143rd Street, Overlay

Joint Project With: _____ **Administrating City:** Overland Park

Contact Name & Title: Daniel G. Miller , P.E., City Engineer **County Commission District(s) #:** 3

Estimated Project Schedule: Start Date (mo/yr): 03/2016 **Completion Date (mo/yr):** 10/2016

Current Average Daily Traffic (ADT): 17,800 (2014) **Accident History (Prior 3 Years):** 95

Project Type: Capacity ☒ Major Maintenance Bridge Replacement Bridge Rehabilitation
 Route Enhancement System Management

Current Level of Service (LOS) [System Management Projects Only]: _____

Sufficiency Rating (Bridge Projects): _____ **Pavement Condition:** Good Fair ☒ Poor

Detailed Description of Existing Facility:

Pavement surface on thoroughfares has deteriorated to the point where cold milling and overlay is necessary along with curb repair as required.

Detailed Description of Project Scope:

Cold mill approximately 2 inches of surface asphalt and overlay with same. Install new pavement markings. Install new sidewalk ramps per ADA as required. Repair or replace deteriorated curbs and gutters as required.

Project Cost Information *

1.	Design Cost:	_____
2.	Right-of-way acquisition cost:	_____
3.	Utility relocation Cost:	_____
4.	Construction cost:	\$992,000
5.	Construction engineering cost:	_____
	Total project cost:	\$992,000

Calculation of CARS Eligible costs:

A.	Sum item # 4 & 5 above	(+)	\$992,000
B.	Federal Aid Participation	(-)	_____
C.	State Aid Participation	(-)	_____
D.	Other Non-local Participation	(-)	_____
	Subtotal (CARS eligible costs)		\$992,000
	CARS Funding request		\$496,000

(Request cannot exceed 50% of the CARS eligible costs)

Funding participation by other cities:

City Name: _____ Funding: _____
City Name: _____ Funding: _____

*Program policies require that a licensed professional engineer prepare and seal construction cost estimates for upcoming fiscal year projects (i.e., 2016 Program Projects). A copy of the sealed estimates **must** be furnished for all 2016 CARS Program requests.

**CITY OF OVERLAND PARK
2016 CARS SUBMITTAL**

ANTIOCH ROAD, 135TH STREET TO 143RD STREET, OVERLAY

ENGINEER'S ESTIMATE

Total Construction Cost \$992,000.00

~~~~~

seal



**KYLE DIECKMANN, P.E.  
CIVIL ENGINEER, SENIOR**

**CARS Form A**  
**2016--2020 Project Application for the**  
**County Assistance Road System (CARS) Program**

*Submit one form for each project. Make copies of this form as needed.*

*Complete & Return **by April 14, 2015***

**Submitting City:** Overland Park **Number 1 Priority (Y/N):** Y

**Project Location:** Quivira Road, 151st Street to 159th Street

**Joint Project With:** \_\_\_\_\_ **Administrating City:** Overland Park

**Contact Name & Title:** Daniel G. Miller , P.E., City Engineer **County Commission District(s) #:** 3

**Estimated Project Schedule: Start Date (mo/yr):** 03/2017 **Completion Date (mo/yr):** 10/2017

**Current Average Daily Traffic (ADT):** 4,000 (2014) **Accident History (Prior 3 Years):** 45

**Project Type:** ☒ Capacity    ☐ Major Maintenance    ☐ Bridge Replacement    ☐ Bridge Rehabilitation  
☐ Route Enhancement    ☐ System Management

**Current Level of Service (LOS) [System Management Projects Only]:** \_\_\_\_\_

**Sufficiency Rating (Bridge Projects):** \_\_\_\_\_ **Pavement Condition:**    ☐ Good    ☒ Fair    ☐ Poor

**Detailed Description of Existing Facility:**

Two lane section line road 24 foot wide with no curb and gutter, storm sewers, street lights, or sidewalks.

**Detailed Description of Project Scope:**

Reconstruct to four lane thoroughfare standards with curb and gutter, storm sewers, street lights and sidewalks.

**Project Cost Information \***

|    |                                |                    |
|----|--------------------------------|--------------------|
| 1. | Design Cost:                   | <u>\$965,000</u>   |
| 2. | Right-of-way acquisition cost: | <u>\$1,200,000</u> |
| 3. | Utility relocation Cost:       | <u>\$1,300,000</u> |
| 4. | Construction cost:             | <u>\$5,500,000</u> |
| 5. | Construction engineering cost: | <u>\$510,000</u>   |
|    | Total project cost:            | <u>\$9,475,000</u> |

**Calculation of CARS Eligible costs:**

|    |                                |     |                    |
|----|--------------------------------|-----|--------------------|
| A. | Sum item # 4 & 5 above         | (+) | <u>\$6,010,000</u> |
| B. | Federal Aid Participation      | (-) | <u></u>            |
| C. | State Aid Participation        | (-) | <u></u>            |
| D. | Other Non-local Participation  | (-) | <u></u>            |
|    | Subtotal (CARS eligible costs) |     | <u>\$6,010,000</u> |
|    | CARS Funding request           |     | <u>\$2,000,000</u> |

(Request cannot exceed 50% of the CARS eligible costs)

Funding participation by other cities:

City Name: \_\_\_\_\_ Funding: \_\_\_\_\_  
City Name: \_\_\_\_\_ Funding: \_\_\_\_\_

\*Program policies require that a licensed professional engineer prepare and seal construction cost estimates for upcoming fiscal year projects (i.e., 2016 Program Projects). A copy of the sealed estimates **must** be furnished for all 2016 CARS Program requests.

**CARS Form A**  
**2016--2020 Project Application for the**  
**County Assistance Road System (CARS) Program**

*Submit one form for each project. Make copies of this form as needed.*

*Complete & Return **by April 14, 2015***

|                                                                                                                                    |  |                                                                                  |
|------------------------------------------------------------------------------------------------------------------------------------|--|----------------------------------------------------------------------------------|
| <b>Submitting City:</b> <u>Overland Park</u>                                                                                       |  | <b>Number 1 Priority (Y/N):</b> <u>N</u>                                         |
| <b>Project Location:</b> <u>Antioch Road, County Line to 54th Terrace, Overlay</u>                                                 |  |                                                                                  |
| <b>Joint Project With:</b> <u>Merriam</u>                                                                                          |  | <b>Administrating City:</b> <u>Overland Park</u>                                 |
| <b>Contact Name &amp; Title:</b> <u>Daniel G. Miller , P.E., City Engineer</u>                                                     |  | <b>County Commission District(s) #:</b> <u>1</u>                                 |
| <b>Estimated Project Schedule: Start Date (mo/yr):</b> <u>03/2017</u>                                                              |  | <b>Completion Date (mo/yr):</b> <u>10/2017</u>                                   |
| <b>Current Average Daily Traffic (ADT):</b> <u>19,100 (2014)</u>                                                                   |  | <b>Accident History (Prior 3 Years):</b> <u>59</u>                               |
| <b>Project Type:</b> Capacity <input checked="" type="checkbox"/> Major Maintenance    Bridge Replacement    Bridge Rehabilitation |  |                                                                                  |
| Route Enhancement    System Management                                                                                             |  |                                                                                  |
| <b>Current Level of Service (LOS) [System Management Projects Only]:</b> _____                                                     |  |                                                                                  |
| <b>Sufficiency Rating (Bridge Projects):</b> _____                                                                                 |  | <b>Pavement Condition:</b> Good    Fair <input checked="" type="checkbox"/> Poor |

**Detailed Description of Existing Facility:**

Pavement surface on thoroughfares has deteriorated to the point where cold milling and overlay is necessary along with curb repair as required.

**Detailed Description of Project Scope:**

Cold mill approximately 2 inches of surface asphalt and overlay with same. Install new pavement markings. Install new sidewalk ramps per ADA as required. Repair or replace deteriorated curbs and gutters as required.

**Project Cost Information \***

|    |                                |           |
|----|--------------------------------|-----------|
| 1. | Design Cost:                   | _____     |
| 2. | Right-of-way acquisition cost: | _____     |
| 3. | Utility relocation Cost:       | _____     |
| 4. | Construction cost:             | \$678,000 |
| 5. | Construction engineering cost: | _____     |
|    | Total project cost:            | \$678,000 |

**Calculation of CARS Eligible costs:**

|    |                                |     |           |
|----|--------------------------------|-----|-----------|
| A. | Sum item # 4 & 5 above         | (+) | \$678,000 |
| B. | Federal Aid Participation      | (-) | _____     |
| C. | State Aid Participation        | (-) | _____     |
| D. | Other Non-local Participation  | (-) | _____     |
|    | Subtotal (CARS eligible costs) |     | \$678,000 |
|    | CARS Funding request           |     | \$339,000 |

(Request cannot exceed 50% of the CARS eligible costs)

**Funding participation by other cities:**

|            |                |          |                        |
|------------|----------------|----------|------------------------|
| City Name: | <u>Merriam</u> | Funding: | <u>\$169,500 (50%)</u> |
| City Name: | _____          | Funding: | _____                  |

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**CARS Form A**  
**2016--2020 Project Application for the**  
**County Assistance Road System (CARS) Program**

*Submit one form for each project. Make copies of this form as needed.*

*Complete & Return **by April 14, 2015***

|                                                                                      |                          |                                                                                                    |
|--------------------------------------------------------------------------------------|--------------------------|----------------------------------------------------------------------------------------------------|
| <b>Submitting City:</b> <u>Overland Park</u>                                         |                          | <b>Number 1 Priority (Y/N):</b> <u>N</u>                                                           |
| <b>Project Location:</b> <u>Antioch Road, 120th Terrace to 135th Street, Overlay</u> |                          |                                                                                                    |
| <b>Joint Project With:</b> _____                                                     |                          | <b>Administrating City:</b> <u>Overland Park</u>                                                   |
| <b>Contact Name &amp; Title:</b> <u>Daniel G. Miller , P.E., City Engineer</u>       |                          | <b>County Commission District(s) #:</b> <u>3,4</u>                                                 |
| <b>Estimated Project Schedule: Start Date (mo/yr):</b> <u>03/2017</u>                |                          | <b>Completion Date (mo/yr):</b> <u>10/2017</u>                                                     |
| <b>Current Average Daily Traffic (ADT):</b> <u>26,300 (2014)</u>                     |                          | <b>Accident History (Prior 3 Years):</b> <u>188</u>                                                |
| <b>Project Type:</b>                                                                 | <b>Capacity</b>          | <input checked="" type="checkbox"/> <b>Major Maintenance</b>                                       |
|                                                                                      |                          | <b>Bridge Replacement</b>                                                                          |
|                                                                                      |                          | <b>Bridge Rehabilitation</b>                                                                       |
|                                                                                      | <b>Route Enhancement</b> | <b>System Management</b>                                                                           |
| <b>Current Level of Service (LOS) [System Management Projects Only]:</b> _____       |                          |                                                                                                    |
| <b>Sufficiency Rating (Bridge Projects):</b> _____                                   |                          | <b>Pavement Condition:</b> <b>Good</b> <b>Fair</b> <input checked="" type="checkbox"/> <b>Poor</b> |

**Detailed Description of Existing Facility:**

Pavement surface on thoroughfares has deteriorated to the point where cold milling and overlay is necessary along with curb repair as required.

**Detailed Description of Project Scope:**

Cold mill approximately 2 inches of surface asphalt and overlay with same. Install new pavement markings. Install new sidewalk ramps per ADA as required. Repair or replace deteriorated curbs and gutters as required.

**Project Cost Information \***

|    |                                |             |
|----|--------------------------------|-------------|
| 1. | Design Cost:                   | _____       |
| 2. | Right-of-way acquisition cost: | _____       |
| 3. | Utility relocation Cost:       | _____       |
| 4. | Construction cost:             | \$1,260,000 |
| 5. | Construction engineering cost: | _____       |
|    | Total project cost:            | \$1,260,000 |

**Calculation of CARS Eligible costs:**

|    |                                |     |             |
|----|--------------------------------|-----|-------------|
| A. | Sum item # 4 & 5 above         | (+) | \$1,260,000 |
| B. | Federal Aid Participation      | (-) | _____       |
| C. | State Aid Participation        | (-) | _____       |
| D. | Other Non-local Participation  | (-) | _____       |
|    | Subtotal (CARS eligible costs) |     | \$1,260,000 |
|    | CARS Funding request           |     | \$630,000   |

(Request cannot exceed 50% of the CARS eligible costs)

Funding participation by other cities:

|                  |                |
|------------------|----------------|
| City Name: _____ | Funding: _____ |
| City Name: _____ | Funding: _____ |

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**CARS Form A**  
**2016--2020 Project Application for the**  
**County Assistance Road System (CARS) Program**

*Submit one form for each project. Make copies of this form as needed.*

*Complete & Return **by April 14, 2015***

**Submitting City:** Overland Park **Number 1 Priority (Y/N):** N

**Project Location:** 143rd Street, Switzer Road to Antioch Road, Overlay

**Joint Project With:** \_\_\_\_\_ **Administrating City:** Overland Park

**Contact Name & Title:** Daniel G. Miller , P.E., City Engineer **County Commission District(s) #:** 3

**Estimated Project Schedule: Start Date (mo/yr):** 03/2017 **Completion Date (mo/yr):** 10/2017

**Current Average Daily Traffic (ADT):** 13,400 (2014) **Accident History (Prior 3 Years):** 44

**Project Type:** Capacity ☐ Major Maintenance ☒ Bridge Replacement ☐ Bridge Rehabilitation  
Route Enhancement ☐ System Management ☐

**Current Level of Service (LOS) [System Management Projects Only]:** \_\_\_\_\_

**Sufficiency Rating (Bridge Projects):** \_\_\_\_\_ **Pavement Condition:** Good ☐ Fair ☒ Poor ☐

**Detailed Description of Existing Facility:**

Pavement surface on thoroughfares has deteriorated to the point where cold milling and overlay is necessary along with curb repair as required.

**Detailed Description of Project Scope:**

Cold mill approximately 2 inches of surface asphalt and overlay with same. Install new pavement markings. Install new sidewalk ramps per ADA as required. Repair or replace deteriorated curbs and gutters as required.

**Project Cost Information \***

|                                   |           |
|-----------------------------------|-----------|
| 1. Design Cost:                   | _____     |
| 2. Right-of-way acquisition cost: | _____     |
| 3. Utility relocation Cost:       | _____     |
| 4. Construction cost:             | \$816,000 |
| 5. Construction engineering cost: | _____     |
| Total project cost:               | \$816,000 |

**Calculation of CARS Eligible costs:**

|                                                        |     |           |
|--------------------------------------------------------|-----|-----------|
| A. Sum item # 4 & 5 above                              | (+) | \$816,000 |
| B. Federal Aid Participation                           | (-) | _____     |
| C. State Aid Participation                             | (-) | _____     |
| D. Other Non-local Participation                       | (-) | _____     |
| Subtotal (CARS eligible costs)                         |     | \$816,000 |
| CARS Funding request                                   |     | \$408,000 |
| (Request cannot exceed 50% of the CARS eligible costs) |     |           |

Funding participation by other cities:

|            |       |          |       |
|------------|-------|----------|-------|
| City Name: | _____ | Funding: | _____ |
| City Name: | _____ | Funding: | _____ |

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*Complete & Return **by April 14, 2015***

---

**Submitting City:** Overland Park **Number 1 Priority (Y/N):** N

**Project Location:** Lamar Avenue from 83rd Street to I-435, Streetlighting (including cross streets of 87th and 107th)

**Joint Project With:** \_\_\_\_\_ **Administrating City:** Overland Park

**Contact Name & Title:** Brian Shields, P.E., City Traffic Engineer **County Commission District(s) #:** 4

**Estimated Project Schedule: Start Date (mo/yr):** 03/2017 **Completion Date (mo/yr):** 12/2017

**Current Average Daily Traffic (ADT):** 6,300 (2014) **Accident History (Prior 3 Years):** 123

**Project Type:**    **Capacity**            **Major Maintenance**            **Bridge Replacement**            **Bridge Rehabilitation**  
                         ☒ **Route Enhancement**            **System Management**

**Current Level of Service (LOS) [System Management Projects Only]:** C

**Sufficiency Rating (Bridge Projects):** \_\_\_\_\_ **Pavement Condition:**    **Good**            **Fair** ☒    **Poor**

---

**Detailed Description of Existing Facility:**

Lamar is a 32' wide (boc-boc) two-lane collector street that runs north-south through Overland Park. The two cross streets (87<sup>th</sup> and 107<sup>th</sup>) are similar in nature. Lamar carries 6,300 vpd, 87<sup>th</sup> carries 4,200 vpd and 107<sup>th</sup> carries 6,800 vpd. Sidewalks have been built at least on one side and in several places there are sidewalks on both sides. There are five traffic signals and two all-way stops along the corridor. The streetlights were formerly leased from KCPL and in 2013 were purchased from the utility. Their average age is approximately 40 years old. Many are showing significant issues with rust and reliability. Pavement in these areas has been chip sealed and is showing signs of distress.

**Detailed Description of Project Scope:**

The city will replace the existing (vintage 1970) streetlights purchased from KCPL with standard city-owned streetlights matching our current system. We will use LED streetlights to reduce the energy consumption and improve their longevity. Standard 30' tall poles with cobra-head style fixtures will be used, affording a look that is similar to what is currently present.

**Project Cost Information \***

|    |                                |       |           |
|----|--------------------------------|-------|-----------|
| 1. | Design Cost:                   | _____ | \$50,000  |
| 2. | Right-of-way acquisition cost: | _____ |           |
| 3. | Utility relocation Cost:       | _____ |           |
| 4. | Construction cost:             | _____ | \$550,000 |
| 5. | Construction engineering cost: | _____ | \$10,000  |
|    | Total project cost:            | _____ | \$610,000 |

**Calculation of CARS Eligible costs:**

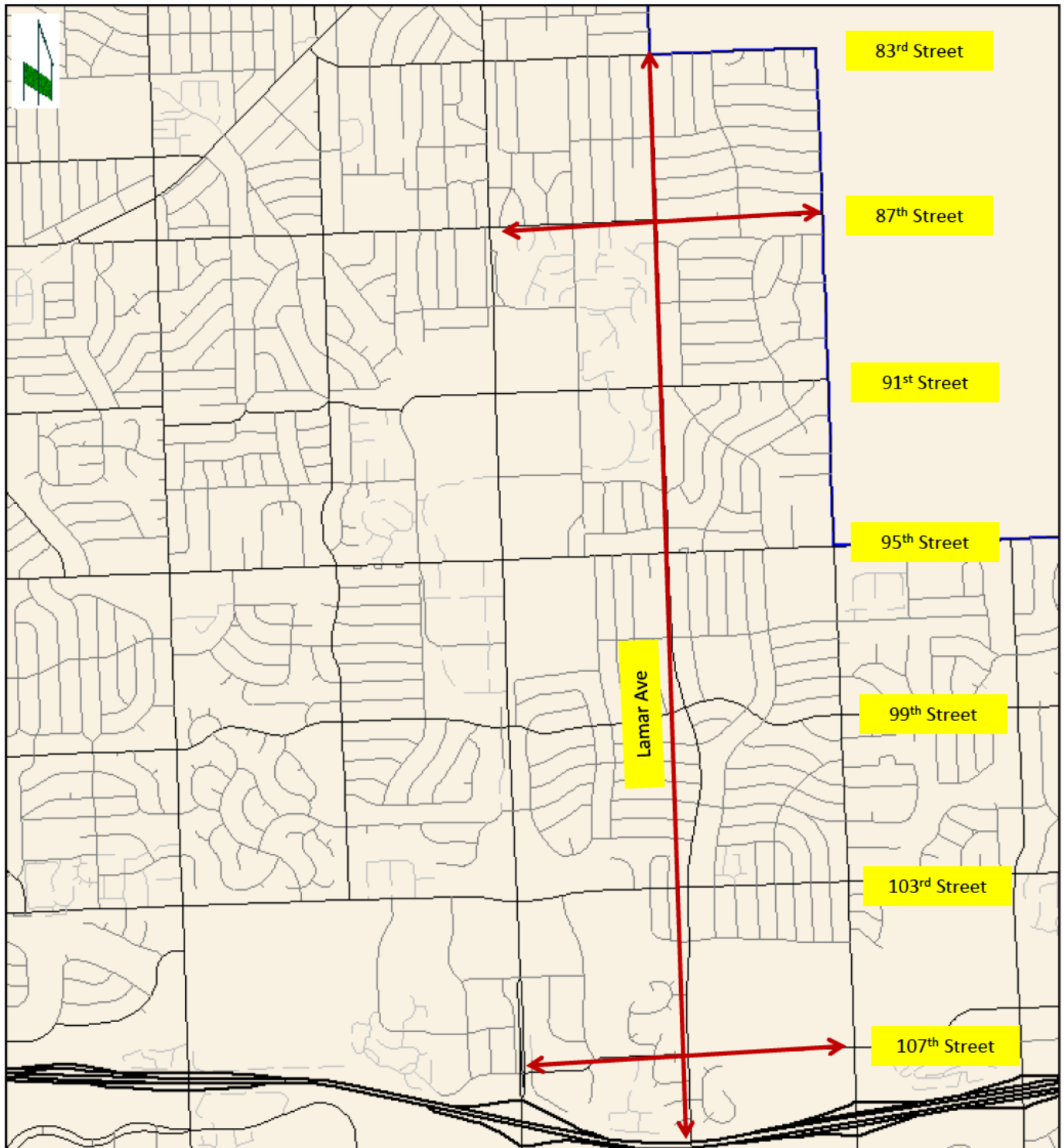
|    |                                                        |     |       |           |
|----|--------------------------------------------------------|-----|-------|-----------|
| A. | Sum item # 4 & 5 above                                 | (+) | _____ | \$560,000 |
| B. | Federal Aid Participation                              | (-) | _____ |           |
| C. | State Aid Participation                                | (-) | _____ |           |
| D. | Other Non-local Participation                          | (-) | _____ |           |
|    | Subtotal (CARS eligible costs)                         |     | _____ | \$560,000 |
|    | CARS Funding request                                   |     | _____ | \$280,000 |
|    | (Request cannot exceed 50% of the CARS eligible costs) |     |       |           |

Funding participation by other cities:

|            |       |          |       |
|------------|-------|----------|-------|
| City Name: | _____ | Funding: | _____ |
| City Name: | _____ | Funding: | _____ |

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Lamar Streetlighting, 83<sup>rd</sup> to I-435  
Proposed 2017 CARS Project – Overland Park



**CARS Form A**  
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**County Assistance Road System (CARS) Program**

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**Submitting City:** Overland Park **Number 1 Priority (Y/N):** Y

**Project Location:** Quivira Road, 183rd Street to 187th Street

**Joint Project With:** \_\_\_\_\_ **Administrating City:** Overland Park

**Contact Name & Title:** Daniel G. Miller , P.E., City Engineer **County Commission District(s) #:** 3

**Estimated Project Schedule: Start Date (mo/yr):** 03/2018 **Completion Date (mo/yr):** 10/2018

**Current Average Daily Traffic (ADT):** N/A **Accident History (Prior 3 Years):** 3

**Project Type:** ☒ Capacity    Major Maintenance    Bridge Replacement    Bridge Rehabilitation  
Route Enhancement    System Management

**Current Level of Service (LOS) [System Management Projects Only]:** \_\_\_\_\_

**Sufficiency Rating (Bridge Projects):** \_\_\_\_\_ **Pavement Condition:**    Good    Fair ☒    Poor

**Detailed Description of Existing Facility:**

This section of Quivira Road currently does not exist.

**Detailed Description of Project Scope:**

Construction of a new two lane roadway and bridge over Wolf Creek.

**Project Cost Information \***

|    |                                |                    |
|----|--------------------------------|--------------------|
| 1. | Design Cost:                   | <u>\$450,000</u>   |
| 2. | Right-of-way acquisition cost: | <u>\$500,000</u>   |
| 3. | Utility relocation Cost:       | <u>\$150,000</u>   |
| 4. | Construction cost:             | <u>\$2,700,000</u> |
| 5. | Construction engineering cost: | <u>\$250,000</u>   |
|    | Total project cost:            | <u>\$4,050,000</u> |

**Calculation of CARS Eligible costs:**

|    |                                |     |                             |
|----|--------------------------------|-----|-----------------------------|
| A. | Sum item # 4 & 5 above         | (+) | <u>\$2,950,000</u>          |
| B. | Federal Aid Participation      | (-) | <u>                    </u> |
| C. | State Aid Participation        | (-) | <u>                    </u> |
| D. | Other Non-local Participation  | (-) | <u>                    </u> |
|    | Subtotal (CARS eligible costs) |     | <u>\$2,950,000</u>          |
|    | CARS Funding request           |     | <u>\$1,475,000</u>          |

(Request cannot exceed 50% of the CARS eligible costs)

Funding participation by other cities:

City Name: \_\_\_\_\_ Funding: \_\_\_\_\_  
City Name: \_\_\_\_\_ Funding: \_\_\_\_\_

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---

**Submitting City:** Overland Park **Number 1 Priority (Y/N):** N

**Project Location:** Metcalf Avenue, 159th Street to 167th Street

**Joint Project With:** Johnson County **Administrating City:** Overland Park

**Contact Name & Title:** Daniel G. Miller , P.E., City Engineer **County Commission District(s) #:** 3

**Estimated Project Schedule: Start Date (mo/yr):** 03/2018 **Completion Date (mo/yr):** 10/2018

**Current Average Daily Traffic (ADT):** 5,800 (2012) **Accident History (Prior 3 Years):** 21

**Project Type:** ☒ Capacity    Major Maintenance    Bridge Replacement    Bridge Rehabilitation  
Route Enhancement    System Management

**Current Level of Service (LOS) [System Management Projects Only]:** \_\_\_\_\_

**Sufficiency Rating (Bridge Projects):** \_\_\_\_\_ **Pavement Condition:**    Good    Fair ☒    Poor

---

**Detailed Description of Existing Facility:**

Two lane section line road 24 foot wide with no curb and gutter, storm sewers, street lights, or sidewalks.

**Detailed Description of Project Scope:**

Reconstruct to four lane thoroughfare standards with curb and gutter, storm sewers, street lights and sidewalks.

**Project Cost Information \***

|    |                                |                     |
|----|--------------------------------|---------------------|
| 1. | Design Cost:                   | <u>\$770,000</u>    |
| 2. | Right-of-way acquisition cost: | <u>\$500,000</u>    |
| 3. | Utility relocation Cost:       | <u>\$1,000,000</u>  |
| 4. | Construction cost:             | <u>\$7,750,000</u>  |
| 5. | Construction engineering cost: | <u>\$625,000</u>    |
|    | Total project cost:            | <u>\$10,645,000</u> |

**Calculation of CARS Eligible costs:**

|    |                                |     |                             |
|----|--------------------------------|-----|-----------------------------|
| A. | Sum item # 4 & 5 above         | (+) | <u>\$8,375,000</u>          |
| B. | Federal Aid Participation      | (-) | <u>\$6,640,000</u>          |
| C. | State Aid Participation        | (-) | <u>                    </u> |
| D. | Other Non-local Participation  | (-) | <u>                    </u> |
|    | Subtotal (CARS eligible costs) |     | <u>\$1,735,000</u>          |
|    | CARS Funding request           |     | <u>\$867,000</u>            |

(Request cannot exceed 50% of the CARS eligible costs)

Funding participation by other cities:

|            |                                             |          |                                             |
|------------|---------------------------------------------|----------|---------------------------------------------|
| City Name: | <u>Johnson County</u>                       | Funding: | <u>\$216,750 (25%)</u>                      |
| City Name: | <u>                                    </u> | Funding: | <u>                                    </u> |

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**CARS Form A**  
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*Submit one form for each project. Make copies of this form as needed.*

*Complete & Return **by April 14, 2015***

**Submitting City:** Overland Park **Number 1 Priority (Y/N):** N

**Project Location:** Metcalf Avenue, 99th Street to I-435, Overlay

**Joint Project With:** \_\_\_\_\_ **Administrating City:** Overland Park

**Contact Name & Title:** Daniel G. Miller , P.E., City Engineer **County Commission District(s) #:** 4

**Estimated Project Schedule: Start Date (mo/yr):** 03/2018 **Completion Date (mo/yr):** 10/2018

**Current Average Daily Traffic (ADT):** 49,900 (2014) **Accident History (Prior 3 Years):** 189

**Project Type:** Capacity ☐ Major Maintenance ☒ Bridge Replacement Bridge Rehabilitation  
Route Enhancement System Management

**Current Level of Service (LOS) [System Management Projects Only]:** \_\_\_\_\_

**Sufficiency Rating (Bridge Projects):** \_\_\_\_\_ **Pavement Condition:** Good Fair ☒ Poor

**Detailed Description of Existing Facility:**

Pavement surface on thoroughfares has deteriorated to the point where cold milling and overlay is necessary along with curb repair as required.

**Detailed Description of Project Scope:**

Cold mill approximately 2 inches of surface asphalt and overlay with same. Install new pavement markings. Install new sidewalk ramps per ADA as required. Repair or replace deteriorated curbs and gutters as required.

**Project Cost Information \***

|                                   |             |
|-----------------------------------|-------------|
| 1. Design Cost:                   | _____       |
| 2. Right-of-way acquisition cost: | _____       |
| 3. Utility relocation Cost:       | _____       |
| 4. Construction cost:             | \$1,532,000 |
| 5. Construction engineering cost: | _____       |
| Total project cost:               | \$1,532,000 |

**Calculation of CARS Eligible costs:**

|                                                        |     |             |
|--------------------------------------------------------|-----|-------------|
| A. Sum item # 4 & 5 above                              | (+) | \$1,532,000 |
| B. Federal Aid Participation                           | (-) | _____       |
| C. State Aid Participation                             | (-) | _____       |
| D. Other Non-local Participation                       | (-) | _____       |
| Subtotal (CARS eligible costs)                         |     | \$1,532,000 |
| CARS Funding request                                   |     | \$766,000   |
| (Request cannot exceed 50% of the CARS eligible costs) |     |             |

Funding participation by other cities:

|            |       |          |       |
|------------|-------|----------|-------|
| City Name: | _____ | Funding: | _____ |
| City Name: | _____ | Funding: | _____ |

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**CARS Form A**  
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**County Assistance Road System (CARS) Program**

*Submit one form for each project. Make copies of this form as needed.*

*Complete & Return **by April 14, 2015***

**Submitting City:** Overland Park **Number 1 Priority (Y/N):** N

**Project Location:** 119th Street, Quivira Road to US-69, Overlay

**Joint Project With:** \_\_\_\_\_ **Administrating City:** Overland Park

**Contact Name & Title:** Daniel G. Miller , P.E., City Engineer **County Commission District(s) #:** 3,4

**Estimated Project Schedule: Start Date (mo/yr):** 03/2018 **Completion Date (mo/yr):** 10/2018

**Current Average Daily Traffic (ADT):** 30,600 (2014) **Accident History (Prior 3 Years):** 180

**Project Type:**    Capacity    ☒ Major Maintenance    Bridge Replacement    Bridge Rehabilitation  
                         Route Enhancement    System Management

**Current Level of Service (LOS) [System Management Projects Only]:** \_\_\_\_\_

**Sufficiency Rating (Bridge Projects):** \_\_\_\_\_ **Pavement Condition:**    Good    Fair ☒    Poor

**Detailed Description of Existing Facility:**

Pavement surface on thoroughfares has deteriorated to the point where cold milling and overlay is necessary along with curb repair as required.

**Detailed Description of Project Scope:**

Cold mill approximately 2 inches of surface asphalt and overlay with same. Install new pavement markings. Install new sidewalk ramps per ADA as required. Repair or replace deteriorated curbs and gutters as required.

**Project Cost Information \***

|    |                                |           |
|----|--------------------------------|-----------|
| 1. | Design Cost:                   | _____     |
| 2. | Right-of-way acquisition cost: | _____     |
| 3. | Utility relocation Cost:       | _____     |
| 4. | Construction cost:             | \$690,000 |
| 5. | Construction engineering cost: | _____     |
|    | Total project cost:            | \$690,000 |

**Calculation of CARS Eligible costs:**

|    |                                                        |     |           |
|----|--------------------------------------------------------|-----|-----------|
| A. | Sum item # 4 & 5 above                                 | (+) | \$690,000 |
| B. | Federal Aid Participation                              | (-) | _____     |
| C. | State Aid Participation                                | (-) | _____     |
| D. | Other Non-local Participation                          | (-) | _____     |
|    | Subtotal (CARS eligible costs)                         |     | \$690,000 |
|    | CARS Funding request                                   |     | \$345,000 |
|    | (Request cannot exceed 50% of the CARS eligible costs) |     |           |

Funding participation by other cities:

|            |       |          |       |
|------------|-------|----------|-------|
| City Name: | _____ | Funding: | _____ |
| City Name: | _____ | Funding: | _____ |

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*Complete & Return **by April 14, 2015***

**Submitting City:** Overland Park **Number 1 Priority (Y/N):** Y

**Project Location:** Quivira Road, 159th Street to 175th Street

**Joint Project With:** \_\_\_\_\_ **Administrating City:** Overland Park

**Contact Name & Title:** Daniel G. Miller , P.E., City Engineer **County Commission District(s) #:** 3

**Estimated Project Schedule: Start Date (mo/yr):** 03/2019 **Completion Date (mo/yr):** 10/2020

**Current Average Daily Traffic (ADT):** 3,400 (2014) **Accident History (Prior 3 Years):** 8

**Project Type:** ☒ Capacity    Major Maintenance    Bridge Replacement    Bridge Rehabilitation  
Route Enhancement    System Management

**Current Level of Service (LOS) [System Management Projects Only]:** \_\_\_\_\_

**Sufficiency Rating (Bridge Projects):** \_\_\_\_\_ **Pavement Condition:**    Good    Fair ☒    Poor

**Detailed Description of Existing Facility:**

Two lane section line road 24 foot wide with no curb and gutter, storm sewers, street lights, or sidewalks.

**Detailed Description of Project Scope:**

Reconstruct to four lane thoroughfare standards with curb and gutter, storm sewers, street lights and sidewalks.

**Project Cost Information \***

|    |                                |                     |
|----|--------------------------------|---------------------|
| 1. | Design Cost:                   | <u>\$1,950,000</u>  |
| 2. | Right-of-way acquisition cost: | <u>\$2,000,000</u>  |
| 3. | Utility relocation Cost:       | <u>\$3,000,000</u>  |
| 4. | Construction cost:             | <u>\$15,000,000</u> |
| 5. | Construction engineering cost: | <u>\$725,000</u>    |
|    | Total project cost:            | <u>\$22,675,000</u> |

**Calculation of CARS Eligible costs:**

|    |                                |     |                             |
|----|--------------------------------|-----|-----------------------------|
| A. | Sum item # 4 & 5 above         | (+) | <u>\$15,725,000</u>         |
| B. | Federal Aid Participation      | (-) | <u>\$4,000,000</u>          |
| C. | State Aid Participation        | (-) | <u>                    </u> |
| D. | Other Non-local Participation  | (-) | <u>                    </u> |
|    | Subtotal (CARS eligible costs) |     | <u>\$11,725,000</u>         |
|    | CARS Funding request           |     | <u>\$2,931,000</u>          |

(Request cannot exceed 50% of the CARS eligible costs)

Funding participation by other cities:

City Name: \_\_\_\_\_ Funding: \_\_\_\_\_  
City Name: \_\_\_\_\_ Funding: \_\_\_\_\_

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**Submitting City:** Overland Park **Number 1 Priority (Y/N):** N

**Project Location:** Metcalf Avenue, 75th Street to 87th Street, Overlay

**Joint Project With:** \_\_\_\_\_ **Administrating City:** Overland Park

**Contact Name & Title:** Daniel G. Miller , P.E., City Engineer **County Commission District(s) #:** 4

**Estimated Project Schedule: Start Date (mo/yr):** 03/2019 **Completion Date (mo/yr):** 10/2019

**Current Average Daily Traffic (ADT):** 36,200 (2013) **Accident History (Prior 3 Years):** 458

**Project Type:** Capacity ☐ Major Maintenance ☒ Bridge Replacement ☐ Bridge Rehabilitation  
Route Enhancement ☐ System Management ☐

**Current Level of Service (LOS) [System Management Projects Only]:** \_\_\_\_\_

**Sufficiency Rating (Bridge Projects):** \_\_\_\_\_ **Pavement Condition:** Good ☐ Fair ☒ Poor ☐

**Detailed Description of Existing Facility:**

Pavement surface on thoroughfares has deteriorated to the point where cold milling and overlay is necessary along with curb repair as required.

**Detailed Description of Project Scope:**

Cold mill approximately 2 inches of surface asphalt and overlay with same. Install new pavement markings. Install new sidewalk ramps per ADA as required. Repair or replace deteriorated curbs and gutters as required.

**Project Cost Information \***

|                                   |             |
|-----------------------------------|-------------|
| 1. Design Cost:                   | _____       |
| 2. Right-of-way acquisition cost: | _____       |
| 3. Utility relocation Cost:       | _____       |
| 4. Construction cost:             | \$1,180,000 |
| 5. Construction engineering cost: | _____       |
| Total project cost:               | \$1,180,000 |

**Calculation of CARS Eligible costs:**

|                                  |     |             |
|----------------------------------|-----|-------------|
| A. Sum item # 4 & 5 above        | (+) | \$1,180,000 |
| B. Federal Aid Participation     | (-) | _____       |
| C. State Aid Participation       | (-) | _____       |
| D. Other Non-local Participation | (-) | _____       |
| Subtotal (CARS eligible costs)   |     | \$1,180,000 |
| CARS Funding request             |     | \$590,000   |

(Request cannot exceed 50% of the CARS eligible costs)

Funding participation by other cities:

|            |       |          |       |
|------------|-------|----------|-------|
| City Name: | _____ | Funding: | _____ |
| City Name: | _____ | Funding: | _____ |

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**CARS Form A**  
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*Complete & Return **by April 14, 2015***

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**Submitting City:** Overland Park **Number 1 Priority (Y/N):** N

**Project Location:** 95th Street, Switzer Road to Antioch Road, Overlay

**Joint Project With:** \_\_\_\_\_ **Administrating City:** Overland Park

**Contact Name & Title:** Daniel G. Miller , P.E., City Engineer **County Commission District(s) #:** 4

**Estimated Project Schedule: Start Date (mo/yr):** 03/2019 **Completion Date (mo/yr):** 10/2019

**Current Average Daily Traffic (ADT):** 23,000 (2012) **Accident History (Prior 3 Years):** 132

**Project Type:**    Capacity    ☒ Major Maintenance    Bridge Replacement    Bridge Rehabilitation  
                         Route Enhancement    System Management

**Current Level of Service (LOS) [System Management Projects Only]:** \_\_\_\_\_

**Sufficiency Rating (Bridge Projects):** \_\_\_\_\_ **Pavement Condition:**    Good    Fair ☒    Poor

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**Detailed Description of Existing Facility:**

Pavement surface on thoroughfares has deteriorated to the point where cold milling and overlay is necessary along with curb repair as required.

**Detailed Description of Project Scope:**

Cold mill approximately 2 inches of surface asphalt and overlay with same. Install new pavement markings. Install new sidewalk ramps per ADA as required. Repair or replace deteriorated curbs and gutters as required.

**Project Cost Information \***

|    |                                |           |
|----|--------------------------------|-----------|
| 1. | Design Cost:                   | _____     |
| 2. | Right-of-way acquisition cost: | _____     |
| 3. | Utility relocation Cost:       | _____     |
| 4. | Construction cost:             | \$902,000 |
| 5. | Construction engineering cost: | _____     |
|    | Total project cost:            | \$902,000 |

**Calculation of CARS Eligible costs:**

|    |                                |     |           |
|----|--------------------------------|-----|-----------|
| A. | Sum item # 4 & 5 above         | (+) | \$902,000 |
| B. | Federal Aid Participation      | (-) | _____     |
| C. | State Aid Participation        | (-) | _____     |
| D. | Other Non-local Participation  | (-) | _____     |
|    | Subtotal (CARS eligible costs) |     | \$902,000 |
|    | CARS Funding request           |     | \$451,000 |

(Request cannot exceed 50% of the CARS eligible costs)

Funding participation by other cities:

City Name: \_\_\_\_\_ Funding: \_\_\_\_\_  
City Name: \_\_\_\_\_ Funding: \_\_\_\_\_

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**County Assistance Road System (CARS) Program**

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*Complete & Return **by April 14, 2015***

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**Submitting City:** Overland Park **Number 1 Priority (Y/N):** N

**Project Location:** College Boulevard, US-69 to Nall Avenue, Overlay

**Joint Project With:** \_\_\_\_\_ **Administrating City:** Overland Park

**Contact Name & Title:** Daniel G. Miller , P.E., City Engineer **County Commission District(s) #:** 4

**Estimated Project Schedule: Start Date (mo/yr):** 03/2020 **Completion Date (mo/yr):** 10/2020

**Current Average Daily Traffic (ADT):** 26,400 (2014) **Accident History (Prior 3 Years):** 230

**Project Type:**    Capacity    ☒ Major Maintenance    Bridge Replacement    Bridge Rehabilitation  
                         Route Enhancement    System Management

**Current Level of Service (LOS) [System Management Projects Only]:** \_\_\_\_\_

**Sufficiency Rating (Bridge Projects):** \_\_\_\_\_ **Pavement Condition:**    Good    Fair ☒    Poor

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**Detailed Description of Existing Facility:**

Pavement surface on thoroughfares has deteriorated to the point where cold milling and overlay is necessary along with curb repair as required.

**Detailed Description of Project Scope:**

Cold mill approximately 2 inches of surface asphalt and overlay with same. Install new pavement markings. Install new sidewalk ramps per ADA as required. Repair or replace deteriorated curbs and gutters as required.

**Project Cost Information \***

|    |                                |             |
|----|--------------------------------|-------------|
| 1. | Design Cost:                   | _____       |
| 2. | Right-of-way acquisition cost: | _____       |
| 3. | Utility relocation Cost:       | _____       |
| 4. | Construction cost:             | \$2,176,000 |
| 5. | Construction engineering cost: | _____       |
|    | Total project cost:            | \$2,176,000 |

**Calculation of CARS Eligible costs:**

|    |                                |     |             |
|----|--------------------------------|-----|-------------|
| A. | Sum item # 4 & 5 above         | (+) | \$2,176,000 |
| B. | Federal Aid Participation      | (-) | _____       |
| C. | State Aid Participation        | (-) | _____       |
| D. | Other Non-local Participation  | (-) | _____       |
|    | Subtotal (CARS eligible costs) |     | \$2,176,000 |
|    | CARS Funding request           |     | \$1,088,000 |

(Request cannot exceed 50% of the CARS eligible costs)

Funding participation by other cities:

City Name: \_\_\_\_\_ Funding: \_\_\_\_\_  
City Name: \_\_\_\_\_ Funding: \_\_\_\_\_

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## ***Proposed 2016-2020 CARS***

**Construction Year**

① **Numbers Next to Projects Indicate First Priority**

**Capacity Project**

■ ■ ■ **Major Maintenance Project**

●●●● *Route Enhancement Project*

