

BOONE COUNTY ROAD & BRIDGE 2021 ANNUAL REPORT

A cooperative effort between the Engineering Division of Resource Management and Road & Bridge

Vision Statement

All citizens of Boone County benefit from a safe, modern and well maintained transportation system which results in a high level of trust and confidence placed in Boone County Road and Bridge & Boone County Resource Management-Engineering Division.

Letter from the Chief Engineer

Dear Boone County Commissioners and Boone County Residents,

The Boone County Resource Management – Engineering Division is pleased to present our Annual Report which highlights major activities and accomplishments for fiscal year 2021. Our mission is to maintain and improve the County's 772-mile road network and associated drainage structures. We remain confident that our proactive approach and data-driven programs are the core reasons for our success.

The dedication of our employees and their ability to communicate and coordinate with each other and with the Road and Bridge employees is the key to our accomplishments. Together, we will continue to provide a safe, modern, and well-maintained transportation system while serving the citizens of Boone County with excellence and integrity.

Thank you for the continued support and the opportunity to serve.

Respectfully,

Jeff McCann, P.E. Chief Engineer

Table of Contents

Expense Charts	1-4
Pavement Preservation	5-8
Asphalt Rehab	9
Concrete Rehab	9-10
Drainage Structures	11-12
2022 Plan	13-16
Infrastructure Condition	17-24
Surveying	25
Right of Way	26-27
Stormwater	28-42
Sales Tax Distribution	43-71
Staff	72-75

Requirement #1

Report the money expended for construction, repair and maintenance of such roads, highways, bridges and culverts during the preceding year.



Fiscal Year 2021 Expenses

Road & Bridge Expenditures Yearly Comparison

Expenditures by Function–Budget Basis – Road & Bridge Fund (Major Fund)

		2013		2014		2015		2016		2017	
		Act	tual		Actual		Actual		Actual		Actual
Maintenance	-	\$ 8,	423,002	S	7,316,481	S	8,025,593	S	7,136,781	S	7,095,987
Road Infrastructure Rehab Preservation		2,	225,936		3,287,483		4,161,622		3,488,468		5,171,587
Road Inspection		2,	280,728		2,232,145		1,147,802		1,122,565		1,037,361
Stormwater Planning			32,078		42,957		85,783		115,563		117,043
Administrative Services Charge			241,755		241,755		241,755		329,163		405,000
insurance Activity			12,904		30,590		2,753		10,870		8,647
Facility Repair & Replacement			50,000		50,000		50,000		50,000		50,000
Property Tax Distribution			218,667		224,663		249,839		247,149		258,052
Sales Tax Distribution		2,	354,854		2,464,895		2,694,854		2,680,370		2,739,268
CART/MV Distribution to Road District			79,381		83,799		87,359		87,494		89,271
Other	10		4,247	<u> </u>	(473,324)	P	517,760	<u> </u>	13,246	199	6,487
	Total	\$ 15,9	23,552	\$	15,501,444	\$	17,265,120	\$	15,281,669	\$	16,978,703
		20	18		2019		2020		2021		2022
		Act	tual		Actual		Actual	1	Estimated		Budget
Maintenance	-	\$ 7,	063,077	S	7,128,059	S	6,960,412	S	6,144,615	S	7,238,846
Road Infrastructure Rehab Preservation		3,	706,517		6,646,329		3,741,156		4,250,944		4,865,000
Road Inspection		2,	586,288		1,195,385		1,022,210		229,268		300,610
Stormwater Planning			114,620		110,767		114,628		140,409		169,087
Fleet Maintenance Operations			-		-		1-2		1,497,889		1,616,431
Fraffic/Sign			-		-		_		134,869		146,686
R&B -Administration			-		-		_		289,588		290,000
Facilities Maintenance/Custodial			-		_		112		127,618		100,442
RM-Administration			2		2		1.0		133,238		264,258
RM-Engineering			_		2		100		1,319,367		535,830
R&B IT Hardware & Software					-		-		-		70,726
Administrative Services Charge			538,000		630,000		675,000		615,030		675,000
insurance Activity			44,941		23,862		1,782		376,972		199,168
facility Repair & Replacement			150,000		150,000		150,000		150,000		150,000
Property Tax Distribution			264,403		271,372		279,453		290,725		306,010
Sales Tax Distribution		2,	718,437		2,757,898		2,745,457		2,783,805		3,039,427
CART/MV Distribution to Road District			88,168		89,095		86,126		94,925		97,570
Other			131,927		158,964		182,193		8.000		10,000

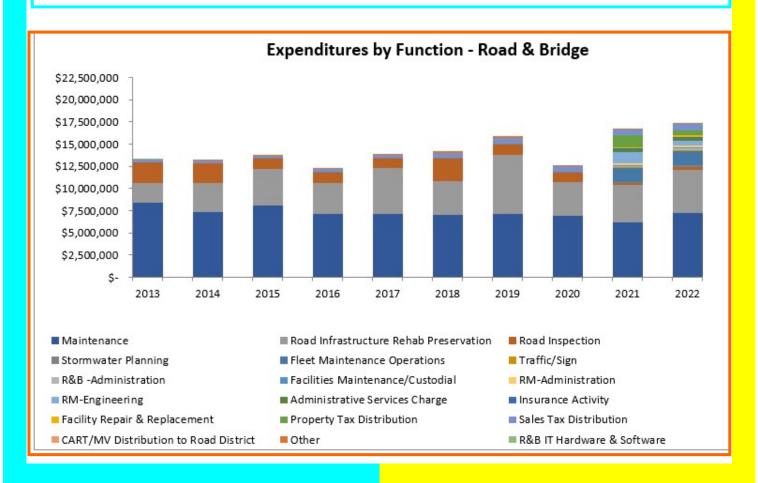
Total \$ 17,406,378

\$ 19,161,731 \$ 15,958,417 \$ 18,587,262 \$ 20,075,091

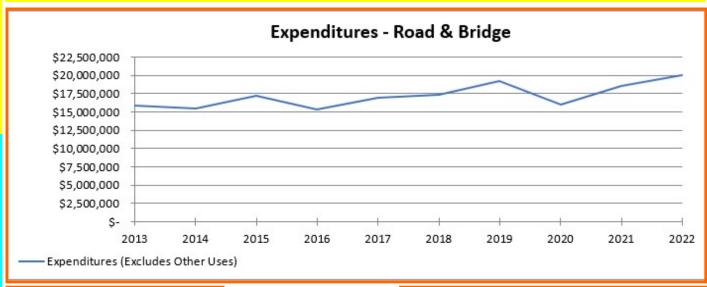
Road & Bridge Expenditures Yearly Comparison

Amounts shown below are actual dollars spent for 2013 through 2020, projected dollars spent for 2021 and budgeted dollars for 2022.

Prior to 2015 money dedicated to Pavement Preservation and Rehabilitation projects were budgeted in different categories. Beginning with the 2015 budget Pavement Preservation and Rehabilitation projects were classified in the same category.



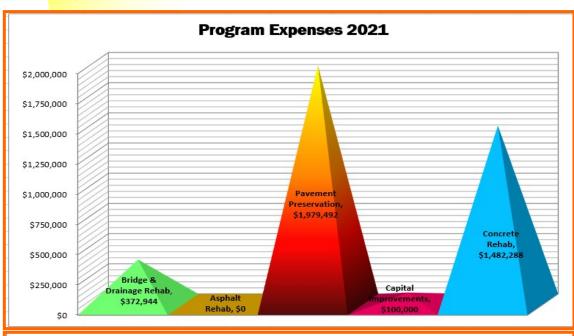
Road & Bridge Expenditures Yearly Comparison







- ◆ 2019 Infrastructure Preservation & Rehab funding level increased for the El Chaparral Concrete rehab project
- ◆ 2020 Infrastructure Preservation & Rehab funding level increased for County participation in the replacement of the I-70 bridge at Rocheport
- ♦ 2021 Infrastructure Preservation & Rehab funding appears to be larger than normal due to re-appropriation of 2020 budgeted funds for planned projects that were postponed.





Pavement Preservation

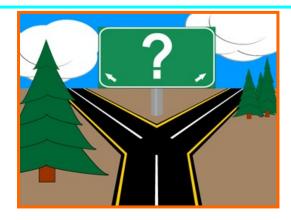
Preserve: to keep safe from destruction
Webster's Collegiate Dictionary 10th edition

Pavement Preservation is the application of

the right treatment, to the right pavement, at the right time.

The philosophy of pavement preservation is to perform lower cost restoration applications to roads while they are in excellent or good status; to keep them in good condition, rather than performing higher cost treatments to roads in a worse state of repair. By applying this management strategy, Boone County protects the investment made in paved roads, extends the life of paved roads, and avoids more costly reconstruction remedies. Evidence of this approach to maintaining roads works is proven by our road condition rating and our pavement preservation budget. Using a prescribed cycle of asphalt overlay, surface seal and preservation chip seal maintenance techniques Boone County has consistently maintained ratings of our paved roads at an acceptable or better condition within a two million dollar budget; which has remained constant since 2011 or before.





Asphalt Overlay

Project Overview:

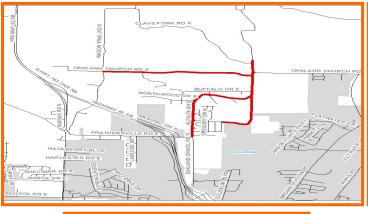
 Preventative maintenance typically applying 2" of new asphalt mix to roads showing moderate distress

Project Explanation:

 Asphalt Overlays are performed on roads that exhibit some moderate distresses and smoothness irregularities, but otherwise are in good condition

Project Location:

- Alfalfa Drive
- Mount Pleasant Road
- Oakland Church Road
- Oakland Gravel Road
- O'Rear Road
- Trade Center Drive.





Alfalfa Dr, Oakland Church, Oakland Gravel

Mount Pleasant

Asphalt Overlay





Trade Center Dr

2021 Asphalt Overlay

- ♦ 35,125 linear feet or 6.7 centerline miles
- ♦ Covered 87,675 square yards
- ◆ Total Contracted Cost \$980,295.81
- Contracted Cost per mile \$146,312.80
- ♦ Contracted Cost per square yard \$11.18

2021 Asphalt Rejuvenator

O'Rear Rd

- ♦ 33,060 linear feet or 6.3 centerline miles
- Covered 96,041 square yards
- ◆ Total Contracted Cost \$88,069.59
- Contracted Cost per mile \$13,979.30
- Contracted Cost per square yard \$0.92

Asphalt Rejuvenator

Project Overview:

Preventative maintenance applying an asphalt rejuvenator to replenish components that have been lost to oxidation.

Project Explanation:

Asphalt rejuvenators are applied to roads in excellent condition.

Project Location:

♦ Prairie Meadows, Old Plank, Concord Estates, El Chaparral, Willow Way, & Settlers Ridge Subdivisions

Preservation Chip Seal

Project Overview:

 Preventative maintenance applying a combination of rock chips and an asphalt emulsion oil to recently overlaid or constructed roads

Project Explanation:

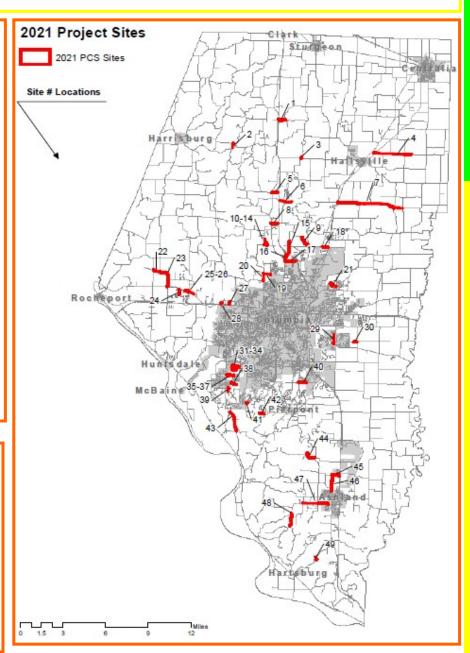
Preservation Chip Seals are performed on roads in excellent condition, typically within 2-3 years of being constructed or receiving an asphalt overlay. The heavy application of asphalt emulsion oil and hard rock chips creates a very robust barrier between the pavement and the environment, limiting the deteriorating effects of sunlight and moisture to the road. The chips used in this process (Iron Mountain Trap Rock) are a very hard, durable rock which provides a wearing surface and traction to the road.

Project Location:

♦ Shown in red on this map

2021 Preservation Chip Seal

- ♦ 156,875 linear feet or 29.7 centerline miles
- ♦ Covered 396,915 square yards
- ♦ Total Contracted Cost \$911.126.81
- ♦ Contracted Cost per mile \$30,677.67
- Contracted Cost per square yard \$2.30



Asphalt Rehabilitation

In late summer of 2017, when planning began for the FY2018 budget, no projects met the criteria for development of an asphalt rehabilitation project. Based on that knowledge, Resource Management Engineering prepared a work plan that included additional spending on concrete and bridge projects that met requirements in those classifications. The Boone County Commission accepted the recommendation to redistribute funds typically used for asphalt rehabilitation to concrete and bridge rehabilitation projects for budget construction years 2018 through 2022. To date, there have been no developments that would alter this plan.

Chip Seal

Within the pages of this report you will see reference to two types of chip seal. The major differences and uses between the two is shown below.

Limestone Chip Seal is a surface treatment consisting of a heavy application of emulsified road oil and limestone chips. This routine maintenance activity is applied by the Road and Bridge Department, on a four year cycle, to gravel roads that have previously had a limestone chip seal. Many years ago this treatment was used as an interim dust control method and to control erosion on gravel road segments with steep hills. In recent years, the aggregate has been changed to river rock for increased durability. The name "Limestone Chip Seal" is now a bit of a misnomer. This remedy as a dust control method for additional roads was discontinued due to high cost.

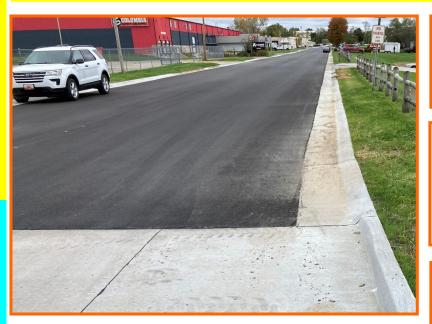
Preservation Chip Seal is a surface treatment using Iron Mountain Trap Rock, a very hard and durable rock, that provides a wearing surface and traction. The heavy application of asphalt emulsion oil, the other ingredient in this process, creates a very robust barrier between the pavement and the environment, limiting the deteriorating effects of sunlight and moisture.

Concrete Rehabilitation

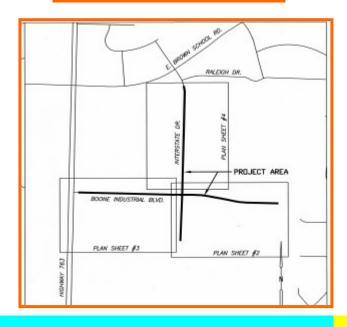
Management of concrete roads is quite different than management of asphalt roads. The rigid nature of concrete pavement tends to stay in good condition for a long time and then fail very quickly. At this time, no products have been identified for use as a low cost, preventative maintenance treatment for rigid pavements. Since 2011, Boone County has managed concrete roads using a systematic replacement of failed panels. When only a small number of panels are damaged in a specific area, targeted panel replacements are performed by the Road and Bridge department. This consists of removing the damaged panel and replacing it with another concrete panel. When a large number of damaged concrete panels are concentrated in a single area, a rehab project is developed. Rehab projects consist of the removal of existing concrete pavement and replacement with full depth asphalt pavement. Conversion from concrete to asphalt allows those road segments to be included in our asphalt pavement preservation program.

Bi-annually, Boone County Resource Management staff inspect and rate each individual panel making up the concrete roadways of the Boone County transportation network. Each panel is mapped and given a rating of "Good," "Damaged," or "Replace." Staff analyzes this data to determine when a rehabilitation project may be needed.

Concrete Rehabilitation



Completed project Boone Industrial Blvd.



Project Location:

- Boone Industrial Blvd.
- Interstate Dr.

Project Explanation:

 The number of damaged and failed concrete pavement panels warranted a reconstruction project to lessen the ongoing maintenance burden and provide a longer lasting, maintainable solution.

Project Overview:

Reconstruct existing concrete streets (Boone Industrial Blvd. & Interstate Dr.) by removing existing roadway, prepare subgrade, install geosynthetic, install aggregate base and install full depth asphalt pavement. Additional work included installation of stormwater inlets and piping, traffic control, erosion control, joint sealing and restoration.

Project Cost:

- ♦ 0.62 centerline miles
- ♦ Covered 11,863 square yards
- ◆ Total Contracted Cost \$1,476,929.47
- Contracted cost per mile \$2,382,144.31
- Contracted cost per square yard \$124.50

Drainage Structures

Project Location:

 Hartsburg Bottom Road over Hart Creek, southwest of Hartsburg

Project Overview:

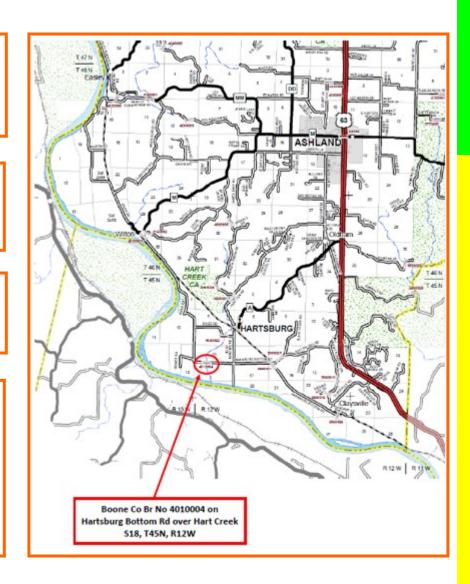
 Construction of a new 130 foot long, single span bridge

Project Explanation:

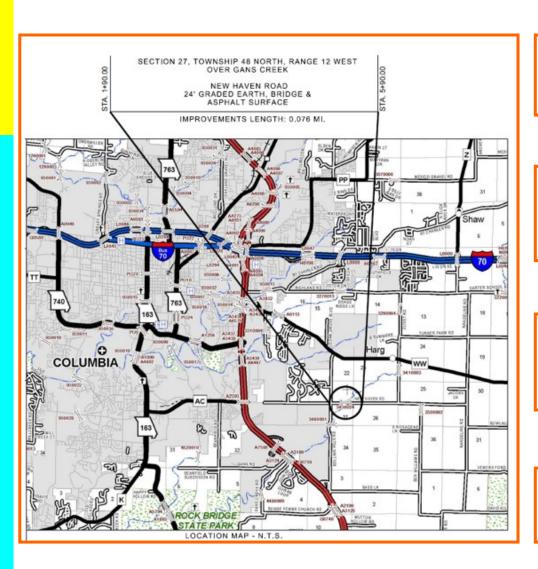
 Replace a deficient, load restricted, one -lane truss bridge, constructed in 1930

Project Construction Cost:

- \$758,946.39
- Total cost of this project was reimbursed by FHWA (Federal Highway Administration) through the Off-System Bridge Replacement Program (BRO) and the use of Soft-Match Credit.



Drainage Structures



Project Location:

 New Haven Road east of Rolling Hills Road

Project Overview:

 ◆ Construction of a new 94 foot long, single span bridge

Project Explanation:

 Replace a load restricted, single span bridge, constructed in 1970

Project Construction Cost:

\$366,974.16

Requirement #2

Submit a plan for construction, reconstruction, maintenance and repair of existing established public highways, roads, bridges, and culverts proposed to be undertaken and completed during the current year.



Fiscal Year 2022 Plan

Road & Bridge Revenue Yearly Comparison

Revenues by Source - Road & Bridge Fund (Major Fund)

	2013		2014		2015		2016		2017
	Actual		Actual		Actual		Actual		Actual
S	1,360,971	S	1,435,135	S	1,449,860	S	1,506,835	S	1,542,304
	13,149,084		13,754,107		14,017,758		14,270,107		14,322,240
	428,153		478,831		508,312		508,987		534,408
	1,161,599		1,207,067		1,233,074		1,246,749		1,255,175
	71,397		30,684		228,034		38,716		132,025
	78,538		341,568		129,040		35,054		34,170
	20,117		99,792		99,198		115,961		174,186
	\$	Actual \$ 1,360,971 13,149,084 428,153 1,161,599 71,397 78,538	Actual \$ 1,360,971 \$ 13,149,084 428,153 1,161,599 71,397 78,538	Actual Actual \$ 1,360,971 \$ 1,435,135 13,149,084 13,754,107 428,153 478,831 1,161,599 1,207,067 71,397 30,684 78,538 341,568	Actual Actual \$ 1,360,971 \$ 1,435,135 \$ 13,149,084 13,754,107 428,153 478,831 1,161,599 1,207,067 71,397 30,684 78,538 341,568	Actual Actual Actual \$ 1,360,971 \$ 1,435,135 \$ 1,449,860 13,149,084 13,754,107 14,017,758 428,153 478,831 508,312 1,161,599 1,207,067 1,233,074 71,397 30,684 228,034 78,538 341,568 129,040	Actual Actual Actual \$ 1,360,971 \$ 1,435,135 \$ 1,449,860 \$ 13,149,084 13,754,107 14,017,758 \$ 428,153 478,831 508,312 \$ 1,161,599 1,207,067 1,233,074 \$ 71,397 30,684 228,034 \$ 78,538 341,568 129,040	Actual Actual Actual Actual \$ 1,360,971 \$ 1,435,135 \$ 1,449,860 \$ 1,506,835 13,149,084 13,754,107 14,017,758 14,270,107 428,153 478,831 508,312 508,987 1,161,599 1,207,067 1,233,074 1,246,749 71,397 30,684 228,034 38,716 78,538 341,568 129,040 35,054	Actual Actual Actual Actual \$ 1,360,971 \$ 1,435,135 \$ 1,449,860 \$ 1,506,835 \$ 13,149,084 13,754,107 14,017,758 14,270,107 428,153 478,831 508,312 508,987 1,161,599 1,207,067 1,233,074 1,246,749 71,397 30,684 228,034 38,716 78,538 341,568 129,040 35,054

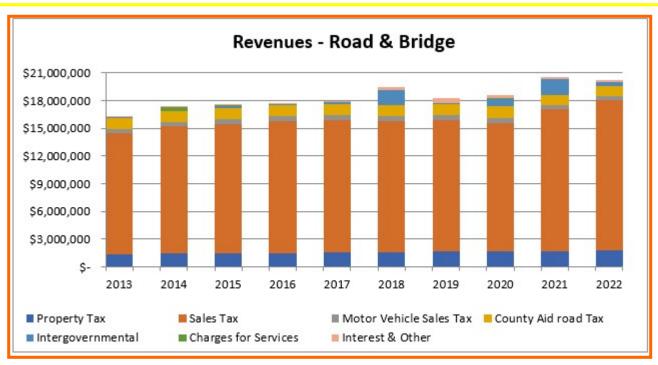
Total \$ 16,269,859 \$ 17,347,184 \$ 17,665,276 \$ 17,722,409 \$ 17,994,508

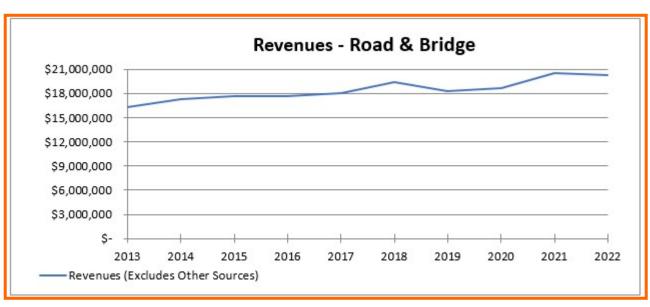
		2018		2019		2020	2021		2022
		Actual		Actual		Actual	Estimated		Budget
Property Tax	S	1,577,547	S	1,654,751	5	1,703,606	1,640,980	S	1,790,075
Sales Tax		14,215,362		14,181,969		13,911,381	15,408,195		16,216,000
Motor Vehicle Sales Tax		526,497		541,022		541,022	489,805		489,750
County Aid road Tax		1,229,266		1,229,266		1,229,266	1,113,550		1,114,000
Intergovernmental		1,554,369		70,274		824,130	1,674,711		408,674
Charges for Services		32,559		36,096		47,790	8,162		8,105
Interest & Other	11	307,549	<u> </u>	518,392	8	350,888	203,850	18 <u>-</u>	195,570
	Total \$	19,443,149	\$ 1	8,231,770	\$	18,608,083	\$ 20,539,253	\$	20,222,174

- 2018 Revenue includes \$1,516,384.95 reimbursement on a Federal Grant.
- 2019 Revenue includes \$4,584.65 reimbursement on a Federal Grant and \$23,630.80 from a State Grant reimbursement.
- 2020 Revenue includes \$58,113.37 reimbursement on a Federal Grant and \$22,833.09 from a State Grant reimbursement
- 2021 Revenue includes \$766,058.73 reimbursement on a Federal Grant and \$7,793.25 from FEMA



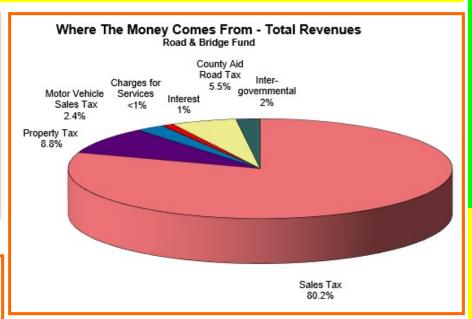
Road & Bridge Revenue Yearly Comparison



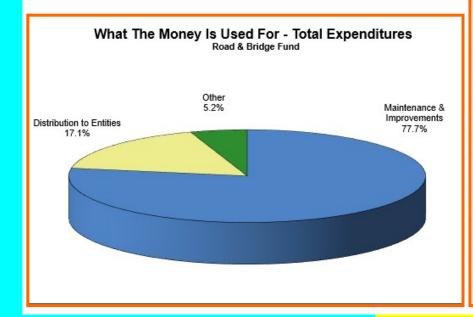


Road & Bridge Revenue By Source

Where the Money C	omes From
Sales Tax	\$16,216,000
Property Tax	\$1,790,075
Motor Vehicle Sales Tax	\$489,750
Charges for Services	\$8,105
Interest	\$195,570
County Aid Road Tax	\$1,114,000
Intergovernmental	\$408,674
Total	\$20,222,174







What The Money Is Used for					
Property Tax Distribution	\$306,010				
Sales Tax Distribution	\$3,039,427				
Road Maintenance	\$7,238,846				
Fleet Maintenance Operations	\$1,616,431				
Traffic/Sign	\$146,686				
Infrastructure Preservation/Rehab	\$4,865,000				
Design & Construction	\$300,610				
Stormwater Administration	\$169,087				
R&B & RM Administration	\$554,258				
Engineering	\$535,830				
R&B IT Hardware & Software	\$70,726				
Administrative Services Charge	\$675,000				
Facilities Maintenance/Custodial	\$100,442				
Facility Repair & Replacement	\$150,000				
Insurance Activity	\$199,168				
CART/MV Distribution to Road District	\$97,570				
Other	\$10,000				
Total Expenditures	\$20,075,091				

Asphalt Rehabilitation Projects

 There are currently no asphalt rehabilitation projects under consideration

Capital Improvement Projects

 There are currently no capital improvement projects under consideration

Concrete Rehabilitation Projects

- There are no current plans for individual panel replacements.
- Bellview Drive and Bethany Drive Rehabilitation is in the final design stage and planned for construction in 2022.
- Gillespie Bridge Road and Obermiller Road Rehabilitation is in the conceptual planning phase and proposed for construction in 2023.

Drainage Structure Projects

- Booth Lane and Graham Road Large culvert rehab/replacement is currently in final design and planned for construction in 2022.
 - Olivet Road Bridge #BR3410003 is in the final design-easement acquisition phase and planned for construction in 2022.
 - Woodie Proctor Bridge #BR4970024 is in the final design stage and planned for construction in 2022.
 - Ben Williams Bridge #BR3500002 is in the conceptual planning phase and proposed for construction in 2023.
 - Sycamore Creek Road large culvert drainage structure in the conceptual planning stage and proposed for construction in 2022 or 2023.

Pavement Preservation Projects

These projects are under design and planned for construction in 2022:

- Asphalt Overlay
- Preservation Chip Seal
 - Surface Seal

Requirement #3

Report the general condition of all established public highways, roads, bridges and culverts in the county.



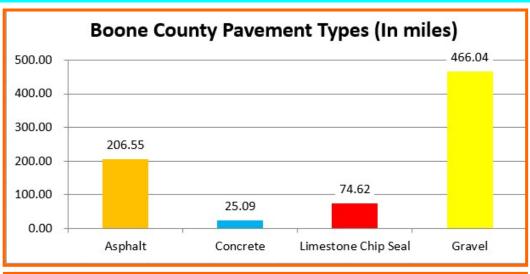
Fiscal Year 2021 Condition

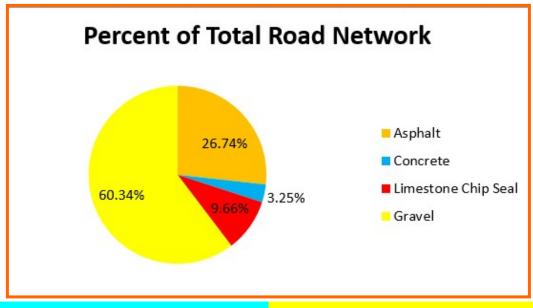
The following charts are based on information stored in Cartegraph, the County's infrastructure database program. These values are for only non-retired roads that are currently maintained by Boone County. Roads that are partially owned by the County, but not maintained by the County are not considered in these calculations. The streets are separated into categories and are based on surface types. A preservation chip seal surface, is considered the same as an asphalt surface and is therefore included in the Asphalt category in these statistics.

Surface Type	Total Miles	Percent of Total Road Network	Change in Total Miles from 2019		
Asphalt	206.55	26.74%	-0.48		
Concrete	25.09	3.25%	-0.31		
Limestone Chip Seal	74.62	9.66%	+0.06		
Gravel	466.04	60.35%	+0.60		
Total	772.29	100.00%	-0.13		

^{**}Total miles of county maintained road changes due to: acceptance of new roads built by someone other than Boone County, annexations, change of surface type (asphalt over concrete roads), our maintenance agreement with the City of Columbia for roads that are accessed by both County and City properties and data error corrections.

Total Miles of Road Maintained by Boone County





2021 Asphalt Surface Ratings

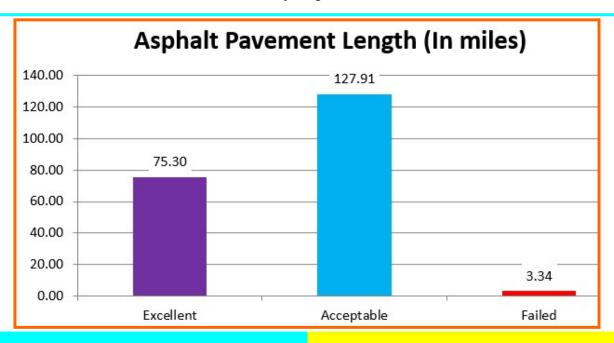
Records pertaining to asphalt roads are identified by segment, from one specific point to another. Information used to assign scores for each asphalt road segment is obtained using several different methods. Boone County uses 1) visual inspection of a segment, 2) work performed on a segment and 3) weighted averages for normal use of a segment. These assessments are entered in Cartegraph where they are combined to generate the grade or condition of each segment based on established curves. The following values are used for the classifications:

OCI = Overall Condition Index

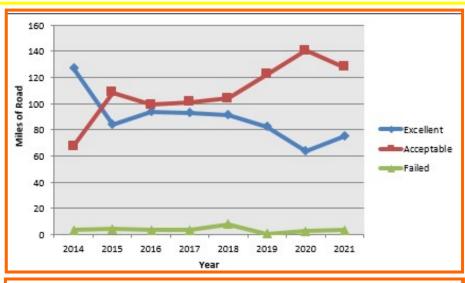
Excellent = a value 85 and above

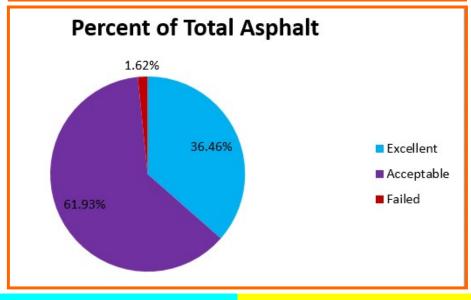
Acceptable = any value between 55 and 85

Failed = anything less than 55



2021 Asphalt Surface Ratings & Comparison





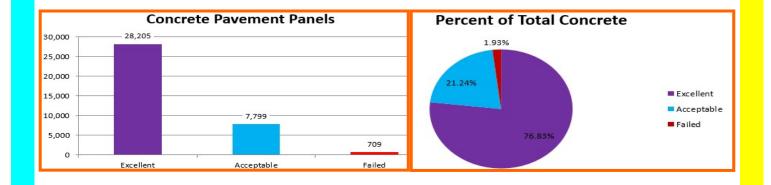
2021 Concrete Panel Ratings

Concrete roads are a rigid or non-flexible pavement and cannot be evaluated using the same criteria used for asphalt roads. Concrete roads are inspected by each individual panel. The ratings in these graphs are based on panels in each category, and not in road miles

Excellent = panel has no damage

Acceptable = panel has minor damage

Failed = panel needs to be replaced

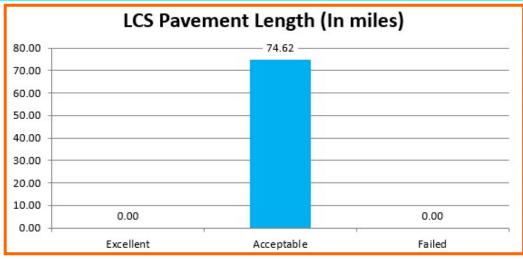


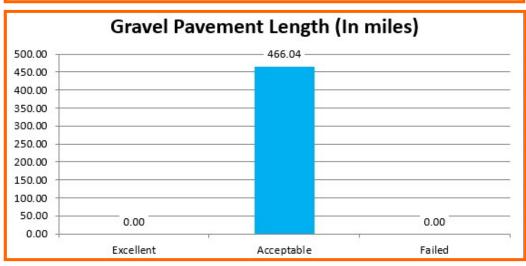
Flexible vs Rigid Pavement

Both flexible and rigid pavements are composed of fine aggregate, coarse aggregate, and a binder. In flexible pavements the binder is generally a bituminous asphalt type material. In rigid pavements the binder is generally a Portland cement type material. The job of both binders is to "bind" or hold the other ingredients together. As the name suggests, flexible pavements are designed to flex a certain amount as load is applied and share the load with a base material designed for this purpose. Rigid pavements are designed to remain rigid and spread the load over a larger area.

2021 Gravel Roads & Limestone Chip Seal Roads

Gravel and Limestone Chip Seal roads are not inspected because their condition and rating can change weekly; therefore all of these roads are listed in the Acceptable category for ratings.





2021 Bridge Ratings

Many types of structures are referred to as bridges. However, only bridges that meet the minimum size requirement of 20 feet in length are inspected by MoDOT. The ratings and figures provided on the next pages are based on material obtained from MoDOT inspections, and only refer to bridges inspected by MoDOT. State inspections are performed every other year with the latest inspections being performed at the end of 2021.

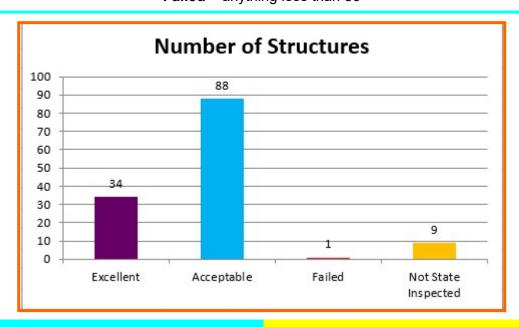
From the MoDOT inspections, the deck condition, substructure condition, and superstructure condition are rolled into an average value based on a 0—100 scale. Cartegraph generates the bridge rating value. The standards listed below are used for the rankings.

OCI = Overall Condition Index

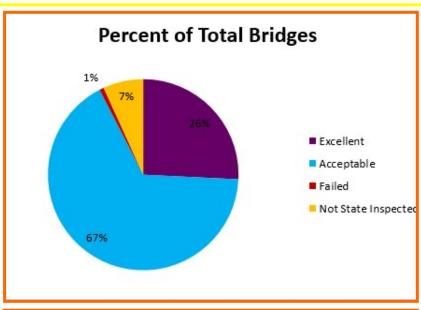
Excellent = a value 75 and above

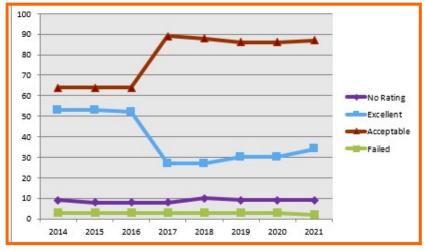
Acceptable = any value between 50 and 75

Failed = anything less than 50



2021 Bridge Ratings & Comparison





Additional Duties

- Surveying
- . Right of Way
 - . Stormwater
- . Sales Tax Distribution



Fiscal Year 2021

2021 Surveying

Assistance to County Staff

- Assisted Road and Bridge Maintenance and Operations personnel by providing a variety of surveying services and right-of-way and easement information as necessary.
- Assembled topographic data for the preparation of plans for projects.
- Assisted right-of-way personnel by staking easements (both temporary and permanent) for reviewing proposed plans, and assisting them when meeting and negotiating with property owners on proposed projects. At times, accompanying right-of-way personnel to those meetings.
- Assisted Planning & Building Inspections Divisions with complete reviews of all plats of proposed Subdivisions and Administrative Surveys, submitting comments and suggestions to the Planning Division and notifying the surveyors of those comments and suggestions. Additionally, all descriptions for granting easements for public roadways and utilities were reviewed. (these are required when preparing many of the administrative surveys)
- ♦ Surveys for OEM warning siren placement





Assistance to the Public

- Represented Boone County Road and Bridge at concept reviews held by the Boone County Planning Division for review
 of upcoming developments.
- Responded to the many requests that Boone County receives from property owners, title companies, realtors, other governmental agencies, surveyors and engineers, and others regarding existing road rights-of-way.
- Responded to inquiries for Neighborhood Improvement District's (NID). None, to date, have completed the requirements to move forward.

2021 Right-of-Way

In addition to the preservation and improvement of Boone County roads and bridges, another task shared by Resource Management Engineering Division and Road and Bridge is the maintenance of Boone County Right-of-Way. The County's priority is to ensure proper site distance and drainage on County roadways. A few of the tools employed in the upkeep of Boone County Right-of-Ways are:

Right-of-Way Permits are issued when excavation takes place in a Boone County owned or maintained right-of-way. Excavation in this context is defined as work that results in the alteration or damage of the road surface, drainage ditches, curbs and gutters or other drainage structures, traffic control devices, or county maintained pedestrian walkways within the road right-of-way. Excavation also includes actions which physically undermine the structural integrity of the road base, road drainage, traffic control devices, or pedestrian walkways within the right-of-way. 73 Right-of-Way permits were issued and inspected in 2021.

Driveway Permits are issued for new or upgraded driveways that are connected to a County maintained road. Some types of upgrades that require a permit are converting an existing gravel driveway to a paved surface, resurfacing an existing driveway, installing a larger culvert, and widening a driveway. **158 Driveway permits were issued and inspected in 2021.**

Adopt-A-Road: The purpose of the Adopt-A-Road program is to promote citizen involvement and participation in improving our environment and preserving the natural beauty of Boone County roadways. Volunteers help maintain attractive roadsides by picking up litter along Boone County roadways. Below is the list of the current adoptions:.





2021 Right-of-Way

Adopted Road List

Road Name	Organization Name
Rangeline Road	OTSCON, Inc.
Creasy Springs Road	Momma T's Family
Dodd Road	Dodd Road Beautification
St Charles Road	Thomas Livestock and Land Stewardship
Nebo Cemetery Road	Friends of Hugh Hodler
Crump & Martin Lanes	Ashland FFA
David Allen Road	David Allen Road Neighborhood
Easley River Road	Missouri River Relief
Gans Road	The Horses of Gans
Gillespie Bridge Road	Friends of Gillespie Bridge Road
Glendale Drive	Two Mile Prairie Neighbors
Judy School Road	Two Mile Prairie Neighbors
Mauller Road	Friends of Mauller Road
Obermiller Road	Boone County Republican Party
Old Highway 63 South	Ashland United Methodist Church
Old Plank Road	The River Folk of Cooper's Landing
Rock Quarry Road	Range Free Bakery & Cafe
McQuitty Lane	Hootie Hill Farms
Olden Road	To Honor Roscoe & Lucreta Olden (by Brenda & Mark Rowland)
Rowland Road	To Honor Newt & Beulah Rowland (by Brenda & Mark Rowland)
Wilhite Road	Thomas Livestock and Land Stewardship

2021 Stormwater

Our mission is to maintain stormwater management requirements and controls to enhance and protect water quality, reduce stormwater pollution runoff, and protect and safeguard the general health, safety, and welfare of the public residing within the watersheds of Boone County.



Stormwater is any water coming from precipitation. It may be rain, water from snowmelt, or water that runs off streets, parking lots, lawns, or other surfaces. Stormwater drains into natural or manmade drainage systems such as ditches and storm sewer inlets. Neither the natural, nor the manmade drainage ways connect to the wastewater treatment plant; instead, the water is discharged directly to our streams and rivers.



What is Boone County doing to address stormwater runoff?

Boone County is jointly permitted with the City of Columbia and University of Missouri in accordance with the Stormwater Phase II Final Rule requirements specified in section 4.1.4 of the site-specific permit MO-0136557 for discharges from small regulated Municipal Separate Storm Sewer Systems (MS4s), as well as per state regulation 10 CSR 20-6.200 and federal regulations 40 CFR Parts 9 and 122. To fulfill its permit requirements, Boone County has implemented six (6) Minimum Control Measures (MCM), which are expected to help significantly reduce pollutants into receiving waterbodies. These MCM's cover public education and outreach, public involvement, illicit discharge detection and elimination, construction site stormwater runoff control, post-construction stormwater management in new development and redevelopment, and pollution prevention/good housekeeping for municipal operations.

2021 Stormwater

Public Education and Participation Activities

- Rock Bridge Memorial State Park Water Festival: Boone County Stormwater staff took part in the 7th annual Water Festival at Rock Bridge Memorial State Park. This program served approximately 250 adults and children.
- Southern Boone Second Grade: The Stormwater Educator created a video presentation about watersheds and stormwater pollution. After watching the video, students participated in an interactive activity showing how humans affect waterways and what can be done to improve water quality. The students created solutions for the pollution sources. One hundred-eighty students took part.
- ♦ Centralia Intermediate Fifth Grade: The Stormwater Educator created a video presentation about watersheds and stormwater pollution. The students had to develop a solution for the pollution. The students also participated in an interactive activity to show how humans affect waterways and what can be done to improve water quality. Eighty-two and 103 students took part in the two events.
- Greater Bonne Femme Watershed "Kiss the Ground" Virtual Film Event: The County hosted a virtual film showing of "Kiss the Ground". The film highlights regenerative agriculture. There were 128 people registered to watch the film.
- Greater Bonne Femme Watershed Interactive Panel Discussion: Regenerative Agriculture A Win-Win for Productivity and Water Quality: This panel discussion focused on regenerative agriculture, building off knowledge shared in the film "Kiss the Ground." Discussion included the feasibility of regenerative agriculture to rebuild soil organic matter and restore degraded soil biodiversity resulting in both carbon drawdown and improving the water cycle. Forty people attended the live panel and 168 people have watched the recording.
- Benton Elementary 4th Grade "Streams in the Classroom" Presentation: The Stormwater Educator used the Enviroscape to show different sources of pollution and how rain can carry pollutants into the waterways, showing and discussing what actions can be taken to prevent the pollution. There were approximately 42 students in attendance.
- Benton Elementary 5th Grade "Who Polluted Hinkson Creek": Boone County Stormwater presented on stormwater and watersheds. The attendees completed the "Who Polluted the Stream" activity. The audience discussed what they could do to prevent stormwater pollution and designed a piece of property to have the lowest number of impervious surfaces. There were approximately 42 students in attendance.

2021 Stormwater

Public Education and Participation

- STEM Alliance Engineering Contests: The Columbia Stem Alliance, Columbia Office of Sustainability, Columbia Public Schools, and Boone County Stormwater worked together to host multiple engineering contests.
 - ♦ Litter Prevention Contest Build a "Litter Catcher": Participants were asked to create a litter collecting device using recycled items. The students designed a litter catcher to prevent various types of litter from entering the water system. The participants submitted videos of their designs. Three students took part.
 - Water Quality Contest Build a "Rain-garden in a bottle": Participants were asked to design a
 filtration system to prevent various types of pollutants from entering the water system after
 precipitation events. Eighty students participated.
- ♦ **STEM Alliance Art Contest:** The Columbia Stem Alliance, Columbia Office of Sustainability, Columbia Public Schools, and Boone County Stormwater worked together to host multiple art contests.
 - Art Contest: Litter: The Litter Art and Essay Contest invited students to create a piece of artwork
 that represented litter or litter prevention. In addition to the artwork, participants were asked to
 submit a short description or essay separate from the artwork that explained how their artwork
 connected to the theme of litter. Twenty-six entries were made.
 - The Water Cycle: Our Local Waters: Water Cycle Art Contest invited students to create a piece of artwork that represented one or more aspects of the water cycle. In addition to the artwork, participants were asked to submit a short description or essay separate from the artwork that explained how their artwork connected to the water cycle.
- ♦ Sustainable Living Fair Virtual Update on the Greater Bonne Femme Watershed Project: The Stormwater Educator and Urban Hydrologist gave a virtual update on the Greater Bonne Femme Watershed Project, providing a snapshot of water quality conditions in the watershed. The presentation also included information on the draft watershed-based plan and ongoing outreach and education efforts. Thirty-four people viewed the presentation.
- ♦ Hallsville 4-H: Eleven members of the Hallsville 4-H attended a watershed walk at Wildwood Bird Observatory focusing on erosion and how streams form.

2021 Stormwater

Public Education and Participation

- Sustainable Living Fair Virtual Introduction to Rain Barrels & Stormwater Stewardship: The Stormwater Educator gave a virtual presentation explaining how rain barrels can positively impact our waterways. Seventy-two people viewed the presentation.
- ♦ Virtual Missouri River Tour & Panel Discussion: Missouri River Relief (MRR), Missouri River Bird Observatory (MRBO), and Show-Me Stormwater Management hosted a virtual presentation about human connection to the Missouri River and other waterways. The events were hosted for The Arbors, Colony Pointe, and Tiger Place. Fifty-three people attended the events.
- Virtual Missouri River Tour & Environmental Career Discussion: Missouri River Relief (MRR), Missouri River Bird Observatory (MRBO), and Show-Me Stormwater Management hosted a virtual presentation about human connections to the Missouri River and careers in natural resources for the Service for Independent Living. Twelve people were in attendance.
- ◆ Caring for Columbia- Invasive Species Removal: Sixteen Mizzou students, along with County stormwater employees and park staff, removed hundreds of bush honeysuckle plants from Rock Bridge Memorial State Park.
- ♦ I-70 Motorist Anti-Litter Campaign Committee: City of Columbia and Boone County stormwater educators presented to the 1-70 Anti-litter Campaign Committee, consisting of EPA members and MoDOT, about watershed signs in the City of Columbia and Greater Bonne Femme Watershed, and how they connect people to the watersheds. Six people were in attendance.
- ♦ MEEA-KACEE Environmental Educators Conference: The Boone County Stormwater Educator assisted in planning the virtual Missouri Environmental Educators Conference. Over 100 educators attended from Missouri and Kanas. Topics included Environmental Education in the Classroom, Green Schools, Justice/Equity/Diversity/Inclusion in Environmental Education, Environmental Education in the Community, and Early Childhood Environmental Education.
- ◆ The Art of Streams and Litter Event : Twelve middle school students learned about local waterways, participated in a stream cleanup, and redesigned litter into art, turning trash into treasure.
- Build a Park Event: The City of Columbia and Boone County stormwater educators hosted a summer event for 8 elementary students focused on connecting them to open spaces and their environment.

2021 Stormwater

Public Education and Participation

- ♦ Jabberwocky 3M Wetland Tour: Boone County hosted a STEM presentation for the Jabberwocky organization. City of Columbia engineers discussed the design and building of the 3M Wetlands. The stormwater educator talked about managing stormwater runoff and improving water quality for our local streams. Students learned how wetlands are created and function. Three members were in attendance.
- STEMette Summer Program
 - "The Art of Streams": Six middle school students learned about local waterways, participated in a stream cleanup, and redesigned litter into art.
 - "Litter and Stream Scientists": Seven middle school students performed chemical analyses on the stream to see if the water had been polluted and learned about the animals that call the stream home.
- Windsor Street Montessori School: The Stormwater Educator used the Enviroscape to demonstrate different sources of pollution and how rain carries them to waterways and showed what actions can be taken to prevent pollution. Students were given the opportunity to become stormwater champions. They went on a watershed walk to see where the water flows and marked storm drains, educating future passersby. Seventeen students participated.
- **Grant Elementary:** The Stormwater Educator used the Enviroscape to demonstrate different sources of pollution and how rain carries them to waterways and showed what actions can be taken to prevent pollution. Students were given the opportunity to become stormwater champions. They went on a watershed walk to see where the water flows and marked storm drains, educating future passersby. Nineteen students participated.
- ◆ Lunch and Learn: "Land Disturbance in a Common Plan of Development": The Boone County Stormwater Coordinator and State of Missouri MS4 & Land Disturbance Permitting Coordinator presented about rules for building in a common plan of development and procedures for obtaining County and State land disturbance permits. Nine people attended the live presentation and 19 additional people viewed the recording.
- Stream Scientists Event: Eight middle school students performed chemical analyses on a stream to see if the water had been polluted and learned about animals that call the stream home.

2021 Stormwater

Public Education and Participation

- Cosmo-Bethel Park "Day at The Park": Missouri Department of Conservation, Missouri Stream Teams, and Show-Me Stormwater Management partnered together to have a day at the pond for the Columbia Public School summer school program. Two hundred middle school children attended to study stream patterns at the stream table, fish at the pond, and collect macroinvertebrates.
- Meyer Industrial Drive Bioretention Basins Dedication: A dedication ceremony was hosted at the County bioretention basins on Meyer Industrial Drive, which were rehabbed as part of the Greater Bonne Femme Watershed Project. Six people attended.
- ♦ Southern Boone Area YMCA: Boone County Stormwater partnered with the YMCA to offer an afterschool program series. This three-part series began with introducing watersheds, using the Enviroscape and stream table. During the second part, students performed simulated steam monitoring, and finally, students created an animal that could live in different streams. Approximately 43 students took part in the series.
- ♦ MU Methods in Aquatic Ecology Class Panel Discussion: The Urban Hydrologist was invited to participate in a panel discussion the Methods in Aquatic Ecology class held at the University of Missouri.





2021 Stormwater

Public Involvement Opportunities

- 2 Rock Bridge Memorial State Park Water Quality Monitoring Events
- Storm Drain Marking Events
- Greater Bonne Femme Watershed Bioretention Basins Dedication
- ♦ Rock Bridge Stream Cleanup

Training Opportunities for County Staff

- Missouri Stream Teams Level 2 Training: The Stormwater Educator attended the recertification and training for Missouri Stream Teams Level 2 certification.
- ♦ **REGFORM Conference:** Stormwater staff attended Missouri REGFORM to learn about EPA stormwater rulings and other stormwater related topics.
- North American Association for Environmental Education Conference: The Stormwater Educator attended this virtual conference, which emphasized connections to nature, sustainable communities, and community science.
- ♦ Missouri Environmental Educators Association Conference: The Stormwater Educator attended the MEEA conference to learn about making stormwater more inclusive and digital education options.
- ◆ Missouri State Conference on Cover Crops and Soil Health: The Stormwater Educator and Urban Hydrologist learned about successes Missouri producers have had using regenerative agriculture practices.

2021 Stormwater

Training Opportunities for County Staff

- ♦ **Departmental Stormwater Fact Sheet:** Boone County Facilities Maintenance and Road and Bridge each received a publication on stormwater practices to positively impact water quality.
- Missouri Soybean Association Crops & Conservation Field Day: Boone County stormwater staff
 attended a half-day row-crop-focused event that included a look at cover crops, non-traditional weed
 control methods, pollinator buffer strips, soil health and water quality practices, SOYLEIC soybean
 breeding, and carbon credit markets.
- ♦ Missouri Department of Conservation Partners Roundtable: The Urban Hydrologist participated in this roundtable to learn how other agencies have approached conservation efforts during the pandemic and shared wins and lessons learned.
- ♦ City of Columbia Stream Restoration Tour: The Stormwater Coordinator and Urban Hydrologist attended a tour of several stream restoration sites within the City of Columbia.
- ♦ AWRA Virtual Annual Conference: The Urban Hydrologist attended this conference to learn about implementing multidisciplinary projects, best practices discovered in the design and application of water resource management, implications of water policy decisions, and research into current and emerging issues.
- Missouri State Conference on Cover Crops and Soil Health: The Stormwater Educator and Urban Hydrologist attended this two-day virtual conference. Presentations and discussion panels featured the latest approaches with cover crop management, grazing of cover crops, soil health measurement, carbon payment programs and strategies for boosting soil health.

♦ Webinars:

- ♦ US EPA Watershed Academy Webcast
- ♦ North Central Region Water Network: Indigenous Perspectives on Water and Conservation
- NCRWIN: Algal Bloom Action Team
- ♦ EPA Watershed Academy: Addressing & Managing Plastic Pollution
- NCRWIN: Using Social Norms to Promote Conservation Adoption
- ♦ Road Salt Application & Environmental Consequences

2021 Stormwater

Training Opportunities for County Staff

- US EPA: Agricultural Municipal Partnerships
- ♦ EPA Small systems: Drinking Water Microbes 101
- ♦ Institute for Responsible Technology: Impacts of Glyphosate on Human and Environmental Health
- EPA: Community Engagement in MPS Work
- Institute for Responsible Technology: Soil Microbes
- Soil Food Web: The Key to Soil Health
- Soil Food Web: Proof that Regenerative Ag Works
- Soil Food Web: How to Rapidly Regenerate Your Soil
- MU: Soil Health
- ♦ NCRWN: Complexities in predicting Harmful Algal Blooms
- EPA: Social Indicators in NPS Management
- ♦ EPA: Resilience of Ecosystems in a Changing Climate
- ♦ AWRA: Getting to the Heart of Science Communication
- ♦ HWC/SWC: Landowner Engagement
- Farmer's Footprint: Regenerative Agriculture
- Grow Native: Native Plants and Stormwater
- Sunshine Law

Develop/Distribute Educational Materials

- ♦ Boone County Stormwater Website: www.showmeboone.com/stormwater
- Bonne Femme Watershed Website: www.cavewatershed.org
- ♦ Hinkson Creek Collaborative Adaptive Management Website: <u>www.helpthehinkson.org</u>
- Stormwater Newsletters https://www.showmeboone.com/stormwater/education/newsletters.asp
- ♦ Boone County Stormwater Facebook Page: https://www.facebook.com/boonecountymostormwater

2021 Stormwater

Develop/Distribute Educational Materials

- ♦ Boone County Stormwater Website: www.showmeboone.com/stormwater
- Bonne Femme Watershed Website: www.cavewatershed.org
- Hinkson Creek Collaborative Adaptive Management Website: www.helpthehinkson.org
- Stormwater Newsletters https://www.showmeboone.com/stormwater/education/newsletters.asp
- Boone County Stormwater Facebook Page: https://www.facebook.com/boonecountymostormwater
- Boone County Stormwater YouTube Channel: https://www.youtube.com/channel/UCrd RaCJ73N442kfWGfa1FA



- Greater Bonne Femme Watershed Signs
- ♦ Litter Prevention Website: https://sites.google.com/como.gov/sustain-edu-litter-stem/litter-prevention
- The Water Cycle Website: https://sites.google.com/como.gov/sustain-edu-water-cycle-stem/home
- Facilities Maintenance and Road & Bridge Stormwater Stewardship Fact Sheets
- Traveling "Who Polluted the Stream" Kit
- "Macroinvertebrate Stream Monitoring" in a Classroom
- Meyer Industrial Drive Bioretention Basins Sign



2021 Stormwater

Monitoring and Assessments

Lakes of Missouri Volunteer Program (LMVP) Sampling

The LMVP started in 1992 as an effort to get citizens involved in the lake water quality monitoring. The goals of the LMVP are:

- 1. Determine the current water quality based on productivity of Missouri's lakes,
- 2. Monitor for changes in water quality over time,
- 3. Educate the public about the lake ecology and water quality issues.

Staff at Boone County continued sampling at Stephens Lake, Tri City Lake, and Lick Creek Lake this season. Staff collected three (3) samples between June and September. By participating in this effort, Boone County receives free sampling equipment and information on the status of the lakes in Boone County. For more information, visit www.LMVP.org.

Boone County Stream Team

The Boone County Stream Team hosted the water quality monitoring blitzes at Rock Bridge Memorial State Park in the Spring and Fall of 2021. In spite of the pandemic and related restrictions, we were able to hold these outdoor events and collect data from streams in and around the Park. Continuing to collect the water quality data at these sites over time helps to inform our understanding of water quality changes in the Greater Bonne Femme Watershed. These semi-annual blitz events have provided an opportunity for field training for Missouri Stream Team water quality volunteers, and we are excited to see new Stream Teams formed by these volunteers.



2021 Stormwater

Monitoring and Assessments

Greater Bonne Femme Watershed Project

The Greater Bonne Femme Watershed Project is the revitalization and continuation of several projects from the past that sought to protect and conserve water quality in the watershed. In August 2018, Boone County received a Chapter 319 subgrant award from the Environmental Protection Agency, through Missouri Department of Natural Resources to develop a 9-element watershed management plan, and was scheduled to run through July 31, 2020. We requested, and were granted, a budget and time extension to July 31, 2021. This year we asked for, and were granted another time extension to July 31, 2022.

- ◆ Technical Advisory Committee The committee met eight (8) times.
- Steering Committee The committee met three (3) times.
- Monitoring:
 - ♦ Gauging Stations Stations were set up at Turkey Creek and Hwy 63 S, Bonne Femme Creek at Andrew Sapp Rd, and Little Bonne Femme Creek at Woodie Proctor Rd.
 - Quarterly stormwater sampling was completed this year.
 - ♦ E. coli testing was completed in 2020.
- ♦ Cooperative Stream Investigation Project This project was competed in 2018. A final report from the Missouri department of Natural Resources Coordinator was received in May 2019.
- ♦ **Demonstration Project** Seth Paul Excavating rehabbed and mulched the Meyer Industrial Dr. bioretention basins in Fall 2019. In June 2020 volunteers helped replant the bioretention basins with native grasses and flowers. More grasses were planted in October 2020. Salter Lawn Service was awarded the maintenance contract for the remainder of the grant. In 2021, an educational sign was installed and a dedication ceremony was held.
- ◆ **Draft Watershed-based 9-element Plan –** second draft of the 9-element watershed-based plan was submitted to MDNR and EPA for review. We received comments and recommendations that will greatly improve our final plan, to be completed in 2022.

2021 Stormwater

Monitoring and Assessments

Hinkson Creek Collaborative Adaptive Management

The goal of the collaborative adaptive management process is to improve water quality in Hinkson Creek by using a science-based approach guided by a local stakeholder committee. It will assess the entire stream system, including the creek and other parts of the watershed. Improving the ecosystem should help support the return of the biological community to a fully functioning level as well as addressing other pollutants that may be contributing to water quality issues.

- Stakeholders The Stakeholder group met four (4) times.
- ◆ Action Team The Action Team met ten (10) times.
- ◆ Science Team The Science Team met ten (10) times.
- ◆ Riparian Subcommittee The Riparian Subcommittee of the Stakeholder group met six (6) times.

Forum Nature Area Level Spreader – Construction and monitoring are 100% Complete. Sign design is ongoing.

- ♦ Missouri River Backwater Effects Evaluation 100% complete.
- Habitat Assessment Physical Assessment is 100% complete. Spatial analysis is ongoing.
- Fine Sediment Mapping 100% done. Data analysis is pending.
- ◆ LiDAR Analysis of Stream Boone County GIS completed an initial analysis of the stream corridor in 2021, which showed amounts of sediment erosion and deposition. The Science Team is studying the results to determine if there are any "hot spots" along the corridor that need attention or additional monitoring.
- ◆ Macroinvertebrate Study 100% complete.

2021 Stormwater

Monitoring and Assessments

Hinkson Creek Collaborative Adaptive Management

- ♦ **Synoptic Sampling** Sampling began in 2019. Funding was approved in 2019 to continue sampling for two (2) additional years. Five (5) events were completed in 2021. Two more events will be done in 2022 to satisfy the contract requirements.
- ◆ Lincoln University Gauging Stations Dr. Zeiger has installed stage samplers at Dr. Hubbart's old gauging station sites along Hinkson Creek in 2021. Additional sensors for conductivity will be added at a later time.
- ◆ **USGS Comprehensive Chemical Sampling –** This project was approved for funding in 2021. Sampling is set to begin in the spring and fall of 2022.

Joint MS4 Coordination Meetings

Stormwater staff from Boone County, City of Columbia, and University of Missouri meets each month to coordinate and work on stormwater activities. This year the committee met ten (10) times



2021 Stormwater

MS4 Compliance

		Stori	MWATER PR	ogram Co	MPLIANCE		
	Stormwater Prevention Plans Reviewed	Pre- Application Meetings Held	Land Disturbance Permits Issued	Stormwater Discharge Permits Issued	Pre- construction Meetings Held	Site Inspections Conducted	Notice of Violation Issued
2011	19	21	15	4	9	45	3
2012	17	4	17	4	5	47	0
2013	15	13	32	10	7	49	4
2014	15	4	24	6	6	28	2
2015	9	6	24	8	4	85	2
2016	14	10	44	14	12	184	11
2017	8	6	26	12	4	196	9
2018	11	12	39	19	7	231	12
2019	8	5	18	15	6	123	4
2020	9	5	22	8	9	81	5
2021	15	6	33	13	10	99	12

ity of Ashland 2021 Annual Report

ROAD & BRIDGE ANNUAL SUMMARY REPORT

For use by all Entities (Application, Formula and Centralia Special Road District) to provide annual information in accordance with the Cooperative Agreement entered into with Boone County, Missouri (Commission Orders 459-2011 through 471-2011 approved on November 15, 2011, by the Boone County Commission).

	Reporting Entity:
	City of Ashland
	Reporting on Calendar Year:
	2021
	Narrative for use of funds received
	The Boone County Road and Bridge Repair Fund provided the City of Ashland with \$160,033.23 in October 2021. This is a \$4,645.67 increase from the amount provided in 2020 (\$155,387.56). The 2021 funds were utilized in November 2021 for a mill and overlay project of several streets inside Ashland city limits. That project had a total cost of \$299,987.45. Other funds from the City of Ashland were used for the remainder of this project.
ı	Narrative on everall condition of mode and bridge difficulties of the state of the
	Narrative on overall condition of roads and bridges within reporting municipality:
- 1	The second of th

The condition of roads and bridges within Ashland city imits are overall in good shape. We continue to see older streets throughout town, particularly those with concrete roadways, that experience faster deterioration than expected. Ashland Public Works has implemented a program of overlaying these streets with asphalt. Experience has shown that an asphalt driving surface with concrete base provides for roads that are easier and more cost effective to maintain. This program will continue well into the future.

Ashland continues to experience new growth each year. New residential and commercial development projects have led to increases in roadway miles annually for the last several years. These new streets are currently in great condition, but do require periodic maintenance. As with any growing community, we are experiencing significant increases in commercial and residential traffic, which leads to faster deterioration of our roadways.

Allocation and Expenditure of Funds Received listed by project, with a project description. Include only direct design and construction costs pertaining to roads, bridges and storm water; indirect and other administrative costs are not allowable. Attach extra pages as necessary.

Sity of Ashland 2021 Annual Report

Projects with descrip	otions
-----------------------	--------

The following project was partially funded with the 2021 Boone County Road and Bridge Repair Fund:

2021 Mill and Overlay Project

Total Project Cost: \$299,987.45

This project consisted of edge milling the existing concrete roadway surfaces, application of a trackless tack coat adhesive, and an overlayment of a 2" lift of compacted BP-2 as phalt to serve as the new roadway surface. The following streets were included in this project, along with their respective costs.

Seasons Ride Dr Springtime Dr South Woods Ct Meadow Lane Pinto Pony Dr Caspian Circle Dogwood Ct Terra Linda Ln Redwing Dr N College St Red Setter Cir Irish Setter Dr

		. *	
The second secon			
		The state of the s	
			y-1.
			SCHOOL SECTION OF THE PARTY OF

ity of Ashland 2021 Annual Report

ROAD & BRIDGE ANNUAL SUMMARY REPORT

Page 2

Re	port	Sum	mary
	2016	Odill	111011

The City of Ashland has expended all received funds from 2021 on various projects aimed at improving the city's transportation infrastructure. The funds received from the Boone County Road and Bridge Repair Fund are vital to successful maintenance, repairs, and construction of roads and bridges with the City of Ashland. These funds, when coupled with income collected through our local transportation tax, allow the City of Ashland to provide the public with safe roads and bridges throughout our city.

The City of Ashland continues to experience significant growth of both population and city footprint. At any given time, there are multiple commercial and residential developments underway. This growth is not expected to diminish anytime soon. Accordingly, we are seeing increases in traffic, both commercial and residential throughout the city. This sustained growth and increased traffic is leading to deterioration of roadways at a much faster rate than the city has experienced in the past. We are also increasing the number of roadway miles in town rapidly by adding these developments.

All of these issues lead to increases in annual roadway maintenance costs. As Ashland continues to grow, additional funding will be required each year to keep our streets in acceptable condition. Without the funds provided from the Boone County Road and Bridge Repair Fund, we would be forced to decrease the amount of projects and repairs significantly. This cooperative agreement is highly beneficial for both Ashland residents and Boone County residents, as Ashland is the hub of Southern Boone County. It allows for the timely completion of major road repairs, and leaves local transportation funding available for routine maintenance of city streets and smaller scale projects. City and county residents are able to easily recognize that both the City of Ashland and Boone County place a high priority on providing a safe and well-maintained transportation system.

The City of Ashland looks forward to continued cooperation between ourselves and the County of Boone

to provide exceptional services to our taxpayers.	
	. *
	<i>p.</i> (

City of Ashland 2021 Annual Report

TOTAL		
_\$299,987.45		
I declare that I have examined this report, including accompan best of myrknowledge; certify that the information provided abo		
Man had	, . K	1/7/2021
%gnature		Date
/		
Public Works Director		
Title		
James Creel		573-657-2568
Printed Name	Da	ay Time Phone number

Complete this report and send to Boone County Resource Management, Attn: Kelle Westcott, 801 East Walnut Room 315, Columbia, MO 65201; by December 15th.

ROAD & BRIDGE ANNUAL SUMMARY REPORT

For use by all Entities (Application, Formula and Centralia Special Road District) to provide annual information in accordance with the Cooperative Agreement entered into with Boone County, Missouri (Commission Orders 459-2011 through 471-2011 approved on November 15, 2011, by the Boone County Commission).

Reporting Entity: City of Centralia
Reporting on Calendar Year: 2021
Narrative for use of funds received The funds received went toward the annual overlay of streets which is detailed on the attached sheet, as well as the operation of the Street Dept. In addition to road maintenance, we repaired streets around the City including asphalt overlay of one of two gravel roads inside the city limits.
Narrative on overall condition of roads and bridges within reporting municipality:
The City of Centralia conducts an annual review of the 37.55 miles of streets under our control. Each street is scored based on its condition, using a scale of 1-10, with 10 begin a functionally new road. The results were:
Allocation and Expenditure of Funds Received listed by project, with a project description. Include only direct design and construction costs pertaining to roads, bridges and storm water; indirect and other administrative costs are not allowable. Attach extra pages as necessary.
Projects with descriptions _See attached information. This report concerns the right-most column, Calendar year 2021. The other numbers are supplied for comparison.
. v _y

ROAD & BRIDGE ANNUAL SUMMARY REPORT Page 2

TATAL	
TOTAL	
_\$664,688.43	
I declare that I have examined this report, including accompanying schedules a	and statements, and to the
best of my knowledge; certify that the information provided above is true, comp	lete and accurate.
(Wather Russell	01/24/2022
Signature	Date
Sec. Sec. Sec. Sec. Sec. Sec. Sec. Sec.	s Anno construir de Carlos
City Administrator	
Title	
Heather Russell	573-682-2139
Treatrier (AddSelf	575-002-2159
Printed Name	Day Time Phone number
Fillited Name	Day Time Phone number
Complete this report and send to Boone County Resource Management, Attn:	Kalla Wastaatt 901 East
Walnut Room 315, Columbia, MO 65201; by December 15 th .	Trong Westcott, our Last
Trainat Noom 515, Columbia, NO 60201, by December 15".	

OW DITRITO	DIBLIC WORKS - DIGHWAYS AND STREETS	世界 大学 一日 日本	- 日の大学の一般の一般の一般の一般の一般の一般の一般の一般の一般の一般の一般の一般の一般の					THE RESERVE OF THE PERSON OF T
O DELC WO	FOELL WORNS - HIGHWAID AND STREETS	Colonday 2004	TOOLINGET	Order September 2	CATALIA 14 OCOCYC	C C C C C C C C C C C C C C C C C C C	Program of Grocky	C C C C C C C C C C C C C C C C C C C
ACCOON NO	VIDET ACCOUNT TILE	Calendar 2021	FTZUZI-ZZ BUDGEI	Calendar 2020	FYZUZU-ZI AUDIILED	FYZU19-20 AUDITED	FYZU18-19 BUDGE!	FYZ018-19 AUDITED
PLANNING & ADMIN	ADMIN							
01-311-6001	SALARIES & WAGES	103,705	105,154	8,323	10,092	8,238	7,852	7,584
01-311-6002	OVERTIME WAGES	3,388	4,708	199	1,079	1,220	1,282	1,052
01-311-6010	ACCRUED EMPLOYEE BENEFITS	68,167	74,197	6,583	6,688	6,585	998'5	908'5
01-311-6110	PRINTING, PUBLICATION		20	48	48	248	200	549
01-311-6120	DUES/MEMBER/SUBS/TUITION	318	150			125		The state of the s
01-311-6142	PROF. SERV. ARCHT. ENG	117	2,500		William Annual III	21,538	126,920	75,938
01-311-6150	CONTRACT LABOR	1,521	1,500	1,466	1,466	1,188		1,020
01-311-6170	MAINT. AGREEMENTS, LEASE	1,264	1,500	1,498	1,296	686		086
01-311-6180	MEALS, LODGING, TRAVEL		009			1,114		
01-311-6201	OFFICE SUP. FURNITURE				第二十二十二十二十二十二十二十二十二十二十二十二十二十二十二十二十二十二十二十			格····································
01-311-6210	OPERATING SUPPLIES	210	450	361	167	273	300	327
01-311-6490	EQUIPMENT USE CHARGE	7,225	000'2	6,743	7.29	606'9	000′9	6,311
01-311-6905	COMMUNITY DEV BLOCK GRANT			1,000		4,327	•	
01-311-5509	MISC CAPITAL							
	SUBTOTAL	\$ 185,915	\$ 197,809	5 26,221	\$ 32,872	\$ 52,754	\$ 150,469	290'66 \$
STREET MAINTENANCE	ENANCE							
01-312-5502	VEHICLES	40,969	41,000		TA THE PARTY OF TH			のおというないできます。
01-312-5508	OTHER EQUIPMENT	S. Diller S. C. Carrier S. C. Carrier S. Car	4,200				*	33,934
01-312-5509	MISC. CAPITAL		000'2			· · · · · · · · · · · · · · · · · · ·		
01-312-6001	SALARIES AND WAGES	2,450		22,798	21,133	18,034	25,262	18,449
01-312-6002	OVERTIME WAGES			47	147	1,125	2,841	1,611
01-312-6010	ACCRUED EMPLOYEE BENEFITS	1,528		15,396	13,970	12,465	15,403	11,417
01-312-6110	PRINTING, PUBLICATIONS, AD		50				150	58
01-312-6132	UTILITIES-NATURAL GAS, PR	433	400	348	350	359	450	354
01-312-6150	CONTRACT LABOR	975	3,500	1,983	1,983	2,505	1,200	5,301
01-312-6160	REPAIR SERVICE	THE REPORT OF THE PARTY OF	300	46	46	A STATE OF THE STATE OF	300	19
01-312-6170	MAINT.AGREEMENTS, LEASES						300	
01-312-6190	INSURANCE	14,116	11,100	1,059	3,660			
01-312-6210	OPERATING SUPPLIES	28,007	32,000	33,817	25,056	24,980	17,500	23,638
01-312-6220	TOOLS/SMALL EQUIPMENT	****** * 461	150	122	122	243	200	257
01-312-6450	EQUIPMENT RENTAL	一大学の一大学の大学 大学	750				1,000	114
01-312-6490	EQUIPMENT USE CHARGES		10,000	101,208	13,478	30,043	18,000	35,206
01-312-6901	MISCELLANEOUS		•					
	SUBTOTAL \$	\$. \$	\$ 110,450 \$	176,939	\$ 135,260	\$ 89,754	\$ 82,606	\$ 130,358
ALLEY MAINTENANCE	NANCE							
01-313-6001	SALARIES AND WAGES	22		1,363	428	1,567	628	1,573
01-313-6002	OVERTIME WAGES		* IN STATE OF THE PARTY OF THE					359
01-313-6010	ACCRUED EMPLOYEE BENEFITS	71		945	326	806	342	664
01-313-6210	OPERATING SUPPLIES		1,000	1,000		1,000	1,000	3,408
01-313-6450	EQUIPMENT RENTAL	The south of the south	L'INTERNATION					
01-313-6490	EQUIPMENT USE CHARGES	2,819	2,750	2,673	2,628	2,500		THE PERSON NAMED IN
	SUBTOTAL \$	2,859	\$ 3,750 \$	5,981	\$ 6,892	\$ 5,970	\$ 3,470	\$ 8,276
SIDEWALK & P,	SIDEWALK & PARKING LOT MAINTENANCE	THE TAX PROPERTY AND PROPERTY A						Control of the latest and the latest

ACCOUNT NUMBER ACCOUNT INTER ACCOUNT NUMBER ACCOUNT NUMBER 01-314-6001 SALARIES SER 01-314-6010 ACCRUED EMPLOYEE BENEFITS 01-314-6100 ACCRUED EMPLOYEE BENEFITS 01-314-6100 ACCRUED EMPLOYEE BENEFITS 01-314-6140 PRINTING, ADV., PUBLICATIO 01-314-6140 CONTRACT LABOR 01-314-6150 CONTRACT LABOR 01-314-6100 MAINTENANCE AGREEMENTS & LEASES 01-314-6201 OFFICE SUPPLIES 01-314-6200 OPERATING SUPPLIES 01-314-6200 OPERATING SUPPLIES 01-314-6300 OPERATING SUPPLIES 01-314-6300 OPERATING SUPPLIES 01-314-6300 SALARIES AND WAGES 01-315-6001 SALARIES AND WAGES 01-315-6002 OVERTIME WAGES 01-315-6100 ACCRUED EMPLOYEE BNENFITS 01-315-6100 CONTRACT LABOR 01-315-6130 ONTINTIS, TELEPHONE, FAX 01-315-6140 REPAIR SERVICES 01-315-6150 ONTINTIS, TELEPHONE, FAX 01-315-6150 ONTINTIS, TELEPHONE, FAX 01-315-6150 ONTINTIS GREMENTS & LEASES 01-315-6150 ONTINTIS CRUED EMPLOYEE 01-315-6150 ONTINTIS CRUED	4,000	FY2021-22 BUDGET		7,931	1,642	FY2018-19 BUDGET 1,200 150	FY2018-19 AUDITED 617
OVERTIME WAGES ACCRUED EMPLOYEE BENEFITS PRINTING, ADV., PUBLICATIO PROF.SERV.ARTCH.ENG.SURV CONTRACT LABOR REPAIR SERVICE MAINTENANCE AGREEMENTS & INSURANCE OFFICE SUPPLIES TOOLS/SMALL EQUIPMENT RENTAL EQUIPMENT USE CHARGES SATS SIDEWALK CONSTRUCTION SALARIES AND WAGES OVERTIME WAGES OVERTIME WAGES OVERTIME WAGES OVERTIME WAGES OVERTIME STELPHONE, FAX CONTRACT LABOR UTILITIES, TELEPHONE, FAX CONTRACT LABOR REPAIR SERVICES MAINT AGREEMENTS & LEASES INSURANCE		48,000	1	Trock.	7.07	1	-
ACCRUED EMPLOYEE BENEFITS PRINTING, ADV., PUBLICATIO PROF.SERV.ARTCH. ENG.SURV CONTRACT LABOR REPAIR SERVICE MAINTENANCE AGREEMENTS & INSURANCE OPFICE SUPPLIES OPFICE SUPPLIES TOOLS/SMALL EQUIPMENT RENTAL EQUIPMENT USE CHARGES SRTS SIDEWALK CONSTRUCTION SRTS SIDEWALK CONSTRUCTION SRTS SIDEWALK CONSTRUCTION OVERTIME WAGES OVERTIME WAGES ACCRUED EMPLIES UTILITIES-NATURAL GAS, PR UTILITIES NATURAL GAS, PR UTILITIES-NATURAL GAS, PR UTILITIES NATURAL GAS, PR UTILITIES NATURAL GAS PR INSURANCE		48,000	The state of the s			004	
PRINTING, ADV., PUBLICATIO PROF.SERV.ARTCH.ENG.SURV CONTRACT LABOR REPAIR SERVICE MAINTENANCE AGREEMENTS & INSURANCE OFFICE SUPPLIES OFFICE SUPPLIES OFFICE SUPPLIES TOOLS/SMALL EQUIPMENT RENTAL EQUIPMENT USE CHARGES SALARIES AND WAGES OVERTIME WAGES OVERTIME WAGES ACCRUED EMPLOYEE BNENFITS UTILITIES-NATURAL GAS, PR UTILITIES-NATURAL GAS, PR UTILITIES-NATURAL GAS, PR CONTRACT LABOR CONTRACT LABOR REPAIR SERVICES MAINT AGREEMENTS & LEASES INSURANCE		48,000	5,175	5.700	1175	728	382
PROF.SERV.ARTCH.ENG.SURV CONTRACT LABOR REPAIR SERVICE MAINTENANCE AGREEMENTS & INSURANCE OFFICE SUPPLIES TOOLS/SMALL EQUIPMENT RENTAL EQUIPMENT USE CHARGES SRTS SIDEWALK CONSTRUCTION SALARIES AND WAGES OVERTIME WAGES OVERTIME WAGES OVERTIME WAGES UTILITIES. TELEPHONE, FAX CONTRACT LABOR REPAIR SERVICES MAINT AGREEMENTS & LEASES INSURANCE		48,000	4		196		
CONTRACT LABOR REPAIR SERVICE INAINTENANCE AGREEMENTS & INSURANCE OFFICE SUPPLIES OPERATING SUPPLIES TOOLS/SMALL EQUIPMENT RENTAL EQUIPMENT USE CHARGES SRTS SIDEWALK CONSTRUCTION SALARIES AND WAGES OVERTIME WAGES OVERTIME WAGES OVERTIME WAGES OVERTIME SARVICES MAINT AGREEMENTS & LEASES INSURANCE		1,000	> 0	4,000	150	12,000	350
REPAIR SERVICE MAINTERANCE AGREEMENTS & INSURANCE OFFICE SUPPLIES OFFICE SUPPLIES TOOLS/SMALL EQUIPMENT RENTAL RENTAL EQUIPMENT USE CHARGES SRTS SIDEWALK CONSTRUCTION SALARIES AND WAGES OVERTIME WAGES MAINTAGEL LABOR REPAIR SERVICES MAINTAGEREMENTS & LEASES INSURANCE							3,356
MAINTENANCE AGREEMENTS & INSURANCE OFFICE SUPPLIES OFFRATING SUPPLIES OFFRATING SUPPLIES TOOLS/SMALL EQUIPMENT RENTAL EQUIPMENT USE CHARGES SRTS SIDEWALK CONSTRUCTION SALARIES AND WAGES OVERTIME WAGES ACCRUED EMPLOYEE BNENFITS UTILITIES, NATURAL GAS, PR UTILITIES, TELEPHONE, FAX CONTRACT LABOR REPAIR SERVICES MAINT AGREEMENTS & LEASES INSURANCE						100	
INSURANCE OFFICE SUPPLIES OPERATING SUPPLIES OPERATING SUPPLIES TOOLS/SMALL EQUIPMENT RENTAL EQUIPMENT USE CHARGES SRTS SIDEWALK CONSTRUCTION SALARIES AND WAGES OVERTIME WAGES ACRUED EMPLOYEE BNENFITS UTILITIES, TELEPHONE, FAX CONTRACT LABOR REPAIR SERVICES MAINT AGREEMENTS & LEASES INSURANCE							156
OFFICE SUPPLIES OPERATING SUPPLIES TOOLS/SIMALL EQUIPMENT RENTAL EQUIPMENT USE CHARGES SRTS SIDEWALK CONSTRUCTION BING & GROUNDS SALARIES AND WAGES OVERTIME WAGES OVERTIME WAGES ACCRUED EMPLOYEE BNENFITS UTILITIES-NATURAL GAS, PR UTILITIES-NATURAL GAS, PR CONTRACT LABOR REPAIR SERVICES MAINT AGREEMENTS & LEASES INSUBANCE							1,208
OPERATING SUPPLIES TOOIS/SMALL EQUIPMENT RENTAL EQUIPMENT USE CHARGES SRTS SIDEWALK CONSTRUCTION SALARIES AND WAGES SALARIES AND WAGES OVERTIME WAGES OVERTIME WAGES UTILITIES NATURAL GAS, PR UTILITIES, NATURAL GAS, PR UTILITIES, TATURAL GAS, PR UTILITIES, TELPHONE, FAX CONTRACT LABOR REPAIR SERVICES MAINT AGREEMENTS & LEASES INSURANCE			4				
TOOLS/SMALL EQUIPMENT RENTAL EQUIPMENT USE CHARGES SRTS SIDEWALK CONSTRUCTION SALARIES AND WAGES OVERTIME WAGES ACCRUDE EMPLOYEE BNENFITS UTILITIES-NATURAL GAS, PR UTILITIES. TELEPHONE, FAX CONTRACT LABOR REPAIR SERVICES MAINT AGREEMENTS & LEASES INSURANCE		6,500	7,363	8,797	5,116	7,500	1,230
RENTAL EQUIPMENT USE CHARGES SRTS SIDEWALK CONSTRUCTION SALARIES AND WAGES OVERTIME WAGES ACRUED EMPLOYEE BNENFITS UTILITIES, NATURAL GAS, PR UTILITIES, NATURAL GAS, PR UTILITIES, TELEPHONE, FAX CONTRACT LABOR REPAIR SERVICES MAINT AGREEMENTS & LEASES INSURANCE		300					
SRTS SIDEWALK CONSTRUCTION BING & GROUNDS SALARIES AND WAGES OVERTIME WAGES OVERTIME WAGES UTILITIES, NATURAL GAS, PR UTILITIES, TELEPHONE, FAX CONTRACT LABOR REPAIR SERVICES MAINT AGREEMENTS & LEASES INSUBANCE			25	25			
SRTS SIDEWALK CONSTRUCTION BING & GROUNDS SALARIES AND WAGES OVERTIME WAGES ACRUED EMPLOYEE BNENFITS UTILITIES-NATURAL GAS, PR UTILITIES-NATURAL GAS, PR CONTRACT LABOR REPAIR SERVICES MAINT AGREEMENTS & LEASES INSUBANCE		1,350	1,357	1,350	1,363	2,600	The second second
DING & GROUNDS SALARIES AND WAGES OVERTIME WAGES OVERTIME WAGES ACCRUED EMPLOYEE BNENFITS UTILITIES NATURAL GAS, PR UTILITIES, TELEPHONE, FAX CONTRACT LABOR REPAIR SERVICES MAINT AGREEMENTS & LEASES INSURANCE				Manual Reviews			- 100 mg
DING 8	379 - 209 1,540	57,150		\$ 13,258	\$ 9,442	\$ 31,778	\$ 7,299
	379 - 209 1,540						
	209 209 1,540		100	220	2,540		4 000
	209 1,540		202	(122	7,640	, S	7,802
	1,540		- 663	- 000	1 071		1 140
	1,540	, 007 4	000	460	1,013		1,148
		1,500	1,243	1,343	1,498	Ţ	1,441
	TO/'7	2,150	7,488	7,404	1,498		1,165
	2,335	1,600	1,372	1,536	1,289	400	3,241
	1	200	166	166	165		
	645	150	167	136	167		156
			1,831	1,831	1,428	1,100	1,208
					57	100	
	2,329	1,500	427	109	2,356	1,500	1,230
	229	200	1,183	312	260	300	A THE STREET WAS
						200	
01-315-5510 BUILDING IMPROVEMENTS				THE RESIDENCE AND ASSESSMENT OF THE PERSON NAMED IN COLUMN TWO IN COLUMN	STATE OF STA		
SUBTOTAL \$	10,446 \$	\$ 009'2	10,416 \$	\$ 13,047	\$ 13,473	\$ 12,623	\$ 11,391
REMO							
01-316-6001 SALARIES AND WAGES	6,193		7,545	6,237	5,566	3,800	7,706
01-316-6002 OVERTIME WAGES	4,674		3,596	4,674	4,779	1,800	999'8
01-316-6010 ACCRUED EMPLOYEE BENEFITS	4,375		5,810	4,407	4,816	3,875	6,474
01-316-6160 REPAIR SERVICE		200			75	200	
01-316-6210 OPERATING SUPPLIES	13,148	14,000	14,529	12,629	16,296	10,000	14,213
01-316-6490 EQUIPMENT USE CHARGES	10,532	35,000	46,855	32,827	24,198	2,000	10,698
SUBTOTAL \$	\$ 38,922 \$	49,200 \$	\$ 988'82	\$ 48,566	\$ 55,730	\$ 26,675	\$ 47,757
STREET & SIGN MAINTENANCE							
01-317-6001 SALARIES AND WAGES	603		6,043	6,143	5,469	2,755	4,284
01-317-6002 OVERTIME WAGES	The second state of the second		113	113	63	30	232
	312	The King of the Control of the Contr	4,302	4,300	3,792	2,015	2,914
01-317-6150 CONTRACT LABOR		150	* 1-11		40	150	

	FY2018-19 AUDITED	ですると言う	3,839		289	11,558		22,808	513	16,644	8,523			10,165		TO BE SENTEN	2,923			61,576	The Particular of the Particul	4,915	450	3,075	White is the same of the same		75	574	680'6	386,371		208,153	594,524.00	6	212,850		676,77	66,121	356,950.00
	FY2018-19 BUDGET FY.		2,000		1,400	11,350 \$			615	12,550	12,000	1,000		20,000	100	4,000	000′9	8,000		64,265 \$		3,050	2,230	3,850	20		800	1,300	11,280 \$	394,516 \$		000'682	1,183,516.42 \$		215,000		000'62	65,000	\$ 00.000,638
	FY2019-20 AUDITED		3,500			12,864		36,100	575	27,089			1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	11,776	33		3,637		東西東西町町町	\$ 012,210 \$		6,661	50	4,369	一 一 一 一 一 一 一 一 一 一 一 一 一 一 一 一 一 一 一		25	915	12,020 \$	331,217 \$		356,945	688,162.00	A SA STREET WAS IN THE SECOND	205,441		73,561	64,534	343,536.00 \$
an ea	FY2020-21 AUDITED FY	1000	5,450	THE STATE OF THE PARTY OF THE P	1,310	13,714 \$		1,166	35,694	272	23,903	309		8,376				10,648		\$ 826,522		6,393	132	4,234			21	1,028	11,922 \$	501,459 \$		294,324	795,783.36 \$		227,865		71,878	67,038	366,781.20 \$
	Calendar 2020 FY2	1	5,353		1,310	17,121 \$		36,788	316	25,985		309		7,503	*			11,216		82,117 \$		4,515	46	2,846			34	1,139	\$ 6248	405,709 \$		301,126	706,834.49 \$		224,923		71,878	67,038	363,838.75 \$
	FY2021-22 BUDGET	1.00	2,500		1,500	7,150 \$					75,000	1,000		8,500	100	1,000	2,000	2,500		\$ 33,100 \$					20		200	1,000	1,550 \$	\$ 652,759 \$		296,650	824,409.00 \$		223,288		68,285	65,697	357,270.00 \$
	Calendar 2021 FY	1	4,318	35		5,268 \$		2,327	178	1,582	1,313			11,365			10,083	1,166		28,014 \$		2,991	132	2,124			2,389	876	8,512 \$	\$ 906'258		306,783	664,688.43 \$		241,464		71,437	66,762	379,663.03 \$
PUBLIC WORKS - HIGHWAYS AND STREETS	ACCOUNT NUMBER ACCOUNT TITLE	REPAIR SERVICE	OPERATING SUPPLIES	TOOLS/SMALL EQUIPMENT	EQUIPMENT USE CHARGES	SUBTOTAL \$	NGE	SALARIES AND WAGES	OVERTIME WAGES	ACCRUED EMPLOYEE BENEFITS	PROF.SERV.ARCH.ENG. & SUR	CONTRACT LABOR	MAINT AGREEMENTS & LEASES	OPERATING SUPPLIES	TOOLS/SMALL EQUIPMENT	RENTAL	EQUIPMENT USE CHARGES	MISCELLANEOUS CAPITAL	MISCELLANEOUS	SUBTOTAL \$	CONTROL	SALARIES AND WAGES	OVERTIME WAGES	ACCRUED EMPLOYEE BENEFIT	REPAIR SERVICE	MAINT AGREEMENTS & LEASES	OPERATING SUPPLIES	EQUIPMENT USE CHARGE	\$ SUBTOTAL \$	TOTAL \$	ARY	CAPITAL EXPENDITURES	TOTAL ALL EXPENDITURES \$		TRANSPORTATION SALES TAX	CDBG GRANT REVENUE	COUNTY GRANT REVENUE	COUNTY ROAD & BRIDGE	TOTAL ALL REVENUES \$
PUBLIC WOF	ACCOUNT NUM	01-317-6160	01-317-6210	01-317-6220	01-317-6490		STORM DRAINANGE	01-318-6001	01-318-6002	01-318-6010	01-318-6142	01-318-6150	01-318-6170	01-318-6210	01-318-6220	01-318-6450	01-318-6490	01-318-5509	01-318-6901		BRUSH & TREE CONTROL	01-319-6001	01-319-6002	01-319-6010	01-319-6160	01-319-6170	01-319-6210	01-319-6490			CAPITAL SUMMARY	29-300-5509		REVENUES	29-041-4020	29-043-4330	29-043-4350	01-043-4304	

CAPITAL IMPROVEMENT PROJECTS FISCAL YEAR 2021 - 2022

ASPHALT OVERLAY - PROJECTED EXPENDITURES

Estimated Tons . of Asphalt /

				£ 8	Cub. Yds		FY	FY	FY	FY
Street	Segment	Width	Length	Depth	Concrete	Estimates	2021-22	2022-23	2023-24	2024-25
Allen St	Lakeview to Alco	22	1289	2	375.55	28,166.59	28,167			
Allen St	Alco to Bryson	21	656	2	182.44	13,683.01	13,683			
Allen St.	Bryson to Gano	21	667	2	185.44	13,908.28	13,908			
Clark St	Hickman to Columbia	16	654	2	138.58	10,393.37	10,393			
Collier St	Barnes-Sneed	22	441	2	128,49	9,636.51	9,637			1000000
Lakeview	Jefferson to lvy	28	2668	2	1176,50	88,237,55	88,238			31
(vy St	Lakeview to gravel road	24	615	2	232.45	17,433.96	17,434			
Hawthorn ST	Lakeview to Ivy	24	717	2	271.01	20,325.44	20,325			
Miles St	Lakeview to Booth	23	1050	2	319.83	23,986.99	23,987			_
Rodemyre	Jefferson to Howard Burton	24	1294	2	411.29	30,846.38	30,846			
Reed St	Whitman to Rodney Griffin	20	628	2	166.34	12,475.22	12,475			
Rodney Griffin	Singleton to Adams	26	1375	2	473.45	35,508.69	35,509	ĺ		
Sidewalk on Booth	Jefferson St to City Pool	5		4	0.00	25,500.00	25,500	20 00 000		
Wright Ct	All	22		2	0.00	6,626.25	6,626			222
Southgate St	Allen to Columbia	20	965	2	255,60	19,169.73		19,553		
Bradford St	Sneed-Sims	20	1405	2	372.14	27,910,33		28,469	5.05	
Collier St	Singleton-Sneed	22	267	2	77.79	5,834.35		5,951		
Collier St	Railroad-Singleton	22	422	2	122.95	9,221,33		9,406		
Poage St.	(Lee to Jefferson)	27	1300	2	464.84	34,863.08		35,560		
Jefferson St.	Railroad to Cox	38	3767	2	2254.38	169,078.67		172,460		
Sidewalk along Hwy 22	Howard Burton to Country Club	8	4300	4	425.00	351,649.00		351,649		
Singleton St	Rollins to Jefferson	55	1073	2	781,56	58,616.66		59,789		
Stone St	Switzer-Poage	16	283	2	59,97	4,497.44		4,587	10781	
Central Street	Gano Ch to Central cul-de-sac	29	738	2	283.43	21,257.54		İ	21,895	
Cook, Leach, Richey & Rocky	(Tidball Tr. Pk.)	18	2354	2	561.15	42,086.00			43,349	
Porter	Southland to Tarr	20	366	2	96.94	7,270.59	1		7,489	
Randolph Road	From Hwy 22 to Remington	38		2	0.00	350,000.00			350,000	
Singleton St	200' E Collier-Jefferson	51	578	2	390.39	29,279.03			30,157	
Rollins St	Barnes-Sneed	37	415	2	203.35	15,251.36			15,709	
Hickman (100 N, part)		28	176	2	65.26	4,894.74			5,042	
Lakeview	Jefferson to Rollins	32	1413	2	598,81	44,910.80		ĺ		46,707
Central Street	Lakeview Sims	0	0	2	0,00	0.00				
Bradford St	Singleton to Sneed	19	275	2	69.20	5,189.73		0.00049024	4000000	5,397
Barnes St	Allen to Rollins	38	380	2	191.23	14,342,53				14,916
Barnes St	Sneed to Collier	22	276	2	80.41	6,031.02				6,272
Barnes St	Sneed to Jenkins	45	263	2	156.73	11,755.12			**	12,225
Barnes St	Sneed to Jenkins	25	160	2	52.97	3,973.00				4,132

Cost Totals	-	\$	1,573,810	\$	336,728	\$	687,424	\$ 473,640	\$	89,650
Total Tons	11625.47		11625.47		4061.36		4814.22	1600.52		1149.36
	Less Contingency Reserv	e/	Grant Funds	\$		\$	(319,719)	\$ (153,294)		
Total from Transportation Sales Tax Fund			Ś	336.728	s	367.705	\$ 320.346	Ś	89,650	

Centralia Special Road District 2021

Annual Report

ROAD & BRIDGE ANNUAL SUMMARY REPORT

For use by all Entities (Application, Formula and Centralia Special Road District) to provide annual information in accordance with the Cooperative Agreement entered into with Boone County, Missouri (Commission Orders 459-2011 through 471-2011 approved on November 15, 2011, by the Boone County Commission).

Reporting Entity:

Centralia Special Road District of Boone County Mo.

Reporting on Calendar Year: 2021

Narrative for use of funds received:

Routine maintenance of roadways within the District including hauling gravel and blading of unpaved roads, replacing road pipes, cutting brush and mowing right of way as needed.

Narrative on overall condition of roads and bridges within reporting municipality:

The overall condition of the gravel roads in the District are considered to be in average or better condition.

The condition of the blacktop roads are average to good with about 5% of the blacktops needing to be overlayed.

The bridges are in average condition considering their age.

Allocation and Expenditure of Funds Received listed by project, with a project description. Include only direct design and construction costs pertaining to roads, bridges and storm water; indirect and other administrative costs are not allowable. Attach extra pages as necessary.

Projects with descriptions:

- 1. Hauled \$59,479.64 of rock on un-paved roads.
- 2. Replaced \$6,940.00 of culverts.
- 3. Spent \$107,273.09 on pavement maintenance.

Centralia Special Road District 2021

ROAD & BRIDGE ANNUAL SUMMARY REPORT

Page 2

TOTAL 173,692.73 I declare that I have examined this report, including accompanying schedules and statements, and to the best of my knowledge; certify that the information provided above is true, complete and accurate. Signature Wathard Company		A CONTROL OF THE CONT
I declare that I have examined this report, including accompanying schedules and statements, and to the best of my knowledge; certify that the information provided above is true, complete and accurate. Signature Unthory Kendrick O1/07/2022 Date Treasurer Title Anthony Kendrick 573-881-2169		
I declare that I have examined this report, including accompanying schedules and statements, and to the best of my knowledge; certify that the information provided above is true, complete and accurate. Signature Unthory Kendrick O1/07/2022 Date Treasurer Title Anthony Kendrick 573-881-2169		
I declare that I have examined this report, including accompanying schedules and statements, and to the best of my knowledge; certify that the information provided above is true, complete and accurate. Signature Unthory Kendrick O1/07/2022 Date Treasurer Title Anthony Kendrick 573-881-2169		
I declare that I have examined this report, including accompanying schedules and statements, and to the best of my knowledge; certify that the information provided above is true, complete and accurate. Signature Unthory Kendrick O1/07/2022 Date Treasurer Title Anthony Kendrick 573-881-2169		
I declare that I have examined this report, including accompanying schedules and statements, and to the best of my knowledge; certify that the information provided above is true, complete and accurate. Signature Unthory Kendrick O1/07/2022 Date Treasurer Title Anthony Kendrick 573-881-2169		
I declare that I have examined this report, including accompanying schedules and statements, and to the best of my knowledge; certify that the information provided above is true, complete and accurate. Signature Unthory Kendrick O1/07/2022 Date Treasurer Title Anthony Kendrick 573-881-2169		
I declare that I have examined this report, including accompanying schedules and statements, and to the best of my knowledge; certify that the information provided above is true, complete and accurate. Signature Unthory Kendrick O1/07/2022 Date Treasurer Title Anthony Kendrick 573-881-2169		
I declare that I have examined this report, including accompanying schedules and statements, and to the best of my knowledge; certify that the information provided above is true, complete and accurate. Signature Unthory Kendrick O1/07/2022 Date Treasurer Title Anthony Kendrick 573-881-2169		
I declare that I have examined this report, including accompanying schedules and statements, and to the best of my knowledge; certify that the information provided above is true, complete and accurate. Signature Unthory Kendrick O1/07/2022 Date Treasurer Title Anthony Kendrick 573-881-2169		
I declare that I have examined this report, including accompanying schedules and statements, and to the best of my knowledge; certify that the information provided above is true, complete and accurate. Signature Unthory Kendrick O1/07/2022 Date Treasurer Title Anthony Kendrick 573-881-2169		
I declare that I have examined this report, including accompanying schedules and statements, and to the best of my knowledge; certify that the information provided above is true, complete and accurate. Signature Unthory Kendrick O1/07/2022 Date Treasurer Title Anthony Kendrick 573-881-2169		
I declare that I have examined this report, including accompanying schedules and statements, and to the best of my knowledge; certify that the information provided above is true, complete and accurate. Signature Unthory Kendrick O1/07/2022 Date Treasurer Title Anthony Kendrick 573-881-2169		
I declare that I have examined this report, including accompanying schedules and statements, and to the best of my knowledge; certify that the information provided above is true, complete and accurate. Signature Unthory Kendrick O1/07/2022 Date Treasurer Title Anthony Kendrick 573-881-2169		
I declare that I have examined this report, including accompanying schedules and statements, and to the best of my knowledge; certify that the information provided above is true, complete and accurate. Signature Unthory Kendrick O1/07/2022 Date Treasurer Title Anthony Kendrick 573-881-2169		
I declare that I have examined this report, including accompanying schedules and statements, and to the best of my knowledge; certify that the information provided above is true, complete and accurate. Signature Unthory Kendrick O1/07/2022 Date Treasurer Title Anthony Kendrick 573-881-2169		
I declare that I have examined this report, including accompanying schedules and statements, and to the best of my knowledge; certify that the information provided above is true, complete and accurate. Signature Unthory Kendrick O1/07/2022 Date Treasurer Title Anthony Kendrick 573-881-2169		1
I declare that I have examined this report, including accompanying schedules and statements, and to the best of my knowledge; certify that the information provided above is true, complete and accurate. Signature Unthory Kendrick O1/07/2022 Date Treasurer Title Anthony Kendrick 573-881-2169		
I declare that I have examined this report, including accompanying schedules and statements, and to the best of my knowledge; certify that the information provided above is true, complete and accurate. Signature Unthory Kendrick O1/07/2022 Date Treasurer Title Anthony Kendrick 573-881-2169		
I declare that I have examined this report, including accompanying schedules and statements, and to the best of my knowledge; certify that the information provided above is true, complete and accurate. Signature Unthory Kendrick O1/07/2022 Date Treasurer Title Anthony Kendrick 573-881-2169		
I declare that I have examined this report, including accompanying schedules and statements, and to the best of my knowledge; certify that the information provided above is true, complete and accurate. Signature Unthory Kendrick O1/07/2022 Date Treasurer Title Anthony Kendrick 573-881-2169		
I declare that I have examined this report, including accompanying schedules and statements, and to the best of my knowledge; certify that the information provided above is true, complete and accurate. Signature Unthory Kendrick O1/07/2022 Date Treasurer Title Anthony Kendrick 573-881-2169	No.	
I declare that I have examined this report, including accompanying schedules and statements, and to the best of my knowledge; certify that the information provided above is true, complete and accurate. Signature Unthory Kendrick O1/07/2022 Date Treasurer Title Anthony Kendrick 573-881-2169		
I declare that I have examined this report, including accompanying schedules and statements, and to the best of my knowledge; certify that the information provided above is true, complete and accurate. Signature Unthory Kendrick O1/07/2022 Date Treasurer Title Anthony Kendrick 573-881-2169		
I declare that I have examined this report, including accompanying schedules and statements, and to the best of my knowledge; certify that the information provided above is true, complete and accurate. Signature Unthory Kendrick O1/07/2022 Date Treasurer Title Anthony Kendrick 573-881-2169		
I declare that I have examined this report, including accompanying schedules and statements, and to the best of my knowledge; certify that the information provided above is true, complete and accurate. Signature Unthory Kendrick O1/07/2022 Date Treasurer Title Anthony Kendrick 573-881-2169		
I declare that I have examined this report, including accompanying schedules and statements, and to the best of my knowledge; certify that the information provided above is true, complete and accurate. Signature Unthory Kendrick O1/07/2022 Date Treasurer Title Anthony Kendrick 573-881-2169		
I declare that I have examined this report, including accompanying schedules and statements, and to the best of my knowledge; certify that the information provided above is true, complete and accurate. Signature Unthory Kendrick O1/07/2022 Date Treasurer Title Anthony Kendrick 573-881-2169		
I declare that I have examined this report, including accompanying schedules and statements, and to the best of my knowledge; certify that the information provided above is true, complete and accurate. Signature Unthory Kendrick O1/07/2022 Date Treasurer Title Anthony Kendrick 573-881-2169		
I declare that I have examined this report, including accompanying schedules and statements, and to the best of my knowledge; certify that the information provided above is true, complete and accurate. Signature Unthory Kendrick O1/07/2022 Date Treasurer Title Anthony Kendrick 573-881-2169		
I declare that I have examined this report, including accompanying schedules and statements, and to the best of my knowledge; certify that the information provided above is true, complete and accurate. Signature Unthory Kendrick O1/07/2022 Date Treasurer Title Anthony Kendrick 573-881-2169	TOTAL	
I declare that I have examined this report, including accompanying schedules and statements, and to the best of my knowledge; certify that the information provided above is true, complete and accurate. Signature Unthory Kendrick O1/07/2022 Date Treasurer Title Anthony Kendrick 573-881-2169		
Signature Inthony Kendrick O1/07/2022 Date Anthony Kendrick 573-881-2169	110,002.110	
Signature Inthony Kendrick O1/07/2022 Date Anthony Kendrick 573-881-2169	14-1-0-11	
Signature Unthory Kendrick Treasurer Title Anthony Kendrick 573-881-2169	I declare that I have examined this report, including accompanying schedule	es and statements, and to the
Signature Unthory Kendrick Treasurer Title Anthony Kendrick 573-881-2169	best of my knowledge; certify that the information provided above is true, co	omplete and accurate.
Treasurer Title Anthony Kendrick 573-881-2169		
Treasurer Title Anthony Kendrick 573-881-2169		
Treasurer Title Anthony Kendrick 573-881-2169	(d 4) 1 1	24/27/2000
Treasurer Title Anthony Kendrick 573-881-2169	(Inthony Kindrick)	CONTRACTOR OF THE PROPERTY OF
Treasurer Title Anthony Kendrick 573-881-2169	Signature College College	Date
Anthony Kendrick 573-881-2169		
Anthony Kendrick 573-881-2169	Treasurer	
Anthony Kendrick 573-881-2169		
	THE	
	Anthony Kendrick	573-881-2169
Day Time Phone number	Printed Name	
	t indicated Exemples	Say Time Thone humber

Complete this report and send to Boone County Resource Management, Attn: Kelle Westcott, 801 East

Walnut Room 315, Columbia, MO 65201; by December 15th.

Sity of Columbia 2021 Annual Report

ROAD & BRIDGE ANNUAL SUMMARY REPORT

For use by all Entities (Application, Formula and Centralia Special Road District) to provide annual information in accordance with the Cooperative Agreement entered into with Boone County, Missouri (Commission Orders 459-2011 through 471-2011 approved on November 15, 2011, by the Boone County Commission).

Reporting Entity: City of Columbia
Reporting on Calendar Year: 2021
Narrative for use of funds received The City of Columbia will be using the funds for construction of Discovery Parkway: Gans to New Haven and maintenance of Rangeline: Rogers to Wilkes.
Narrative on overall condition of roads and bridges within reporting municipality:
The City of Columbia maintains 1,426.78 lane miles of streets and 43 bridges/structures that span a minimum of 20 feet. The City's street network is currently inspected on a 3 cycle, which means 1/3 of the streets within the City are inspected every year using the PASER rating system. The City's current overall average PASER rating is a 6.70/ The City's 43 bridges and structures are inspected by MODOT and City staff every 2 years. Of the 43 structures, 36 were rated as Not Deficient, 2 were functionally deficient and 5 were structurally deficient.
Allocation and Expenditure of Funds Received listed by project, with a project description. Include only direct design and construction costs pertaining to roads, bridges and storm water; indirect and other administrative costs are not allowable. Attach extra pages as necessary.
Projects with descriptions _Discovery Parkway: Gans to New Haven: Construction of arterial roadway on new alignment from US Hwy 63 interchange at Gans Road, northward to Rolling Hills/New Haven. Project length is approximately 8,500 LF.
Maintenance of Rangeline: Rogers to Wilkes;Reconstruction of Rangeline Street from Rogers Street to Wilkes Blvd. to correct base failure and improve pavement condition.

City of Columbia 2021 Annual Report

ROAD & BRIDGE ANNUAL SUMMARY REPORT Page 2

	·
	· · ·
	*
MINI SOLID	
	····
TOTAL	
5) 300 500 500 50 50	
_\$1,632,235	
I declare that I have examined this report, including accompanying schedules an	d statements, and to the
best of my knowledge; certify that the information provided above is true, comple	te and accurate
best of my knowledge, certify that the information provided above to true, comple	to dire dood dee,
1 0 611-1	
Jan J Hlmo-	1/13/2022
Signature ()	Date
oldbarare A	Duto
Financial Analyst	
Title	
TINV	
Dawn Ettleman	573-441-6610

City of Hallsville 2021 Annual Report

ROAD & BRIDGE ANNUAL SUMMARY REPORT

For use by all Entities (Application, Formula and Centralia Special Road District) to provide annual information in accordance with the Cooperative Agreement entered into with Boone County, Missouri (Commission Orders 459-2011 through 471-2011 approved on November 45, 2011, by the Boone County Commission).

City of Hallsville
Reporting on Calendar Year: July 1, 2020 - June 30, 2021
Narrative for use of funds received The Road and Bridge Grant funding was used for concrete road repair in Meadows Ledg subdivision by the
City's Public Works Department.
Narrative on overall condition of roads and bridges within reporting municipality:
The asphalt streets are in good condition with very few cracks. The concrete streets have been repaired in Meadows
Ledg except Mason Ct. Work will begin again next spring. Will begin to take inventory of other concrete streets and
curbs for repair.
Allocation and Expenditure of Funds Received listed by project, with a project description. Include only direct design and construction costs pertaining to roads, bridges and storm water; indirect and other administrative costs are not allowable. Attach extra pages as necessary.
Projects with descriptions
Projects with descriptions — Carry over from fiscal year 2019/2020 was \$45,531.53 with an additional \$43,567.32 grant funding received in 2020
Carry over from fiscal year 2019/2020 was \$45,531.53 with an additional \$43,567.32 grant funding received in 2020
Carry over from fiscal year 2019/2020 was \$45,531.53 with an additional \$43,567.32 grant funding received in 2020 Funds were used for working on the sand/salt shed for winter road maintenance - \$567.20; patching potholes -
Carry over from fiscal year 2019/2020 was \$45,531.53 with an additional \$43,567.32 grant funding received in 2020 Funds were used for working on the sand/salt shed for winter road maintenance - \$567.20; patching potholes - \$151.96; 1" road rock to repair the road that goes out to the sewer lagoon - \$1,684.05; concrete street repair in
Carry over from fiscal year 2019/2020 was \$45,531.53 with an additional \$43,567.32 grant funding received in 2020 Funds were used for working on the sand/salt shed for winter road maintenance - \$567.20; patching potholes - \$151.96; 1" road rock to repair the road that goes out to the sewer lagoon - \$1,684.05; concrete street repair in Meadows Ledg - \$10,630.34. This left the Road & Bridge Grant at an ending balance of \$73,065.30. The City is
Carry over from fiscal year 2019/2020 was \$45,531.53 with an additional \$43,567.32 grant funding received in 2020 Funds were used for working on the sand/salt shed for winter road maintenance - \$567.20; patching potholes - \$151.96; 1" road rock to repair the road that goes out to the sewer lagoon - \$1,684.05; concrete street repair in Meadows Ledg - \$10,630.34. This left the Road & Bridge Grant at an ending balance of \$73,065.30. The City is

City of Hallsville 2021 Annual Report

ROAD & BRIDGE ANNUAL SUMMARY REPORT Page 2

	· F
	,
,	
1	
TOTAL	
\$13,033.55	
	. #
I declare that I have examined this report, including accompany	ying schedules and statements, and to the
best of my knowledge; certify that the information provided abo	ove is true, complete and accurate.
Jan utak dan 2. Samla	12/16/2021
Signature	Date
City Administrator	
Title	
Kenyetta Ridgway-Sample	573-696-3885
Printed Name	Day Time Phone number
Complete this report and send to Boone County Resource Mar	nagement, Attn: Kelle Westcott, 801 East
Walnut Room 315, Columbia, MO 65201; by December 15th.	

Town of Harrisburg 2021 Annual Report

ROAD & BRIDGE ANNUAL SUMMARY REPORT

For use by all Entities (Application, Formula and Centralia Special Road District) to provide annual information in accordance with the Cooperative Agreement entered into with Boone County, Missouri (Commission Orders 459-2011 through 471-2011 approved on November 15, 2011, by the Boone County Commission).

Town of Harrisburg 2021 Annual Report

•

on Engineering Pors has 1021 Erroriview Paven TOTAL I declare that I have examined this report, including accompanying schedules and statements, and to the best of my knowledge; certify that the information provided above is true, complete and accurate. 1-7-22 Date Signature Title 573-874-0139 Day Time Phone number Printed Name

Complete this report and send to Boone County Resource Management, Attn: Kelle Westcott, 801 East

Walnut Room 315, Columbia, MO 65201; by December 15th.

ROAD & BRIDGE ANNUAL SUMMARY REPORT
Page 2

Village of Hartsburg 2021 Annual Report

City of Huntsdale 2021 Annual Report

No report was received from the City of Huntsdale

City of McBaine 2021 Annual Report

ROAD & BRIDGE ANNUAL SUMMARY REPORT

For use by all Entities (Application, Formula and Centralia Special Road District) to provide annual information in accordance with the Cooperative Agreement entered into with Boone County, Missouri (Commission Orders 459-2011 through 471-2011 approved on November 15, 2011, by the Boone County Commission).

Reporting Entity: CITY OF MCBAINE					
Reporting on Calendar Year:					
2021					
Narrative for use of funds received Shere were no projects this year that required expenditure of funds.					
Narrative on overall condition of roads and bridges within reporting municipality:					
The Baine's streets are in good condition, overall.					
Allocation and Expenditure of Funds Received listed by project, with a project description. Include only direct design and construction costs pertaining to roads, bridges and storm water; indirect and other administrative costs are not allowable. Attach extra pages as necessary.					
Projects with descriptions There were none					
g. l					

City of McBaine 2021 Annual Report

ROAD & BRIDGE ANNUAL SUMMARY REPORT Page 2

·
7
<i>y</i>
TOTAL
I declare that I have examined this report, including accompanying schedules and statements, and to the
best of my knowledge; certify that the information provided above is true, complete and accurate.
Oi-mark-rea
Signature Marvin E, Sopp 1-7-22
1,000 x 2, 20 april 1-15 22
Title chap Bd. of Irustres
MARVIN E. SAPP
Printed Name Day Time Phone number
Complete this report and send to Boone County Resource Management, Attn: Kelle Westcott, 801 East
Walnut Room 315, Columbia, MO 65201; by December 15 th .

/illage of Pierpont 2021 Annual Report

ROAD & BRIDGE ANNUAL SUMMARY REPORT

For use by all Entities (Application, Formula and Centralia Special Road District) to provide annual information in accordance with the Cooperative Agreement entered into with Boone County, Missouri (Commission Orders 459-2011 through 471-2011 approved on November 15, 2011, by the Boone County Commission).

Reporting Entity: Village of Pierpont
Reporting on Calendar Year: 2021
Narrative for use of funds received repair of Tomlin Hill Road
Narrative on overall condition of roads and bridges within reporting municipality:
Good
Allocation and Expenditure of Funds Received listed by project, with a project description include only direct design and construction costs pertaining to roads, bridges and storm wate indirect and other administrative costs are not allowable. Attach extra pages as necessary.
Include only direct design and construction costs pertaining to roads, bridges and storm wate
Include only direct design and construction costs pertaining to roads, bridges and storm wate indirect and other administrative costs are not allowable. Attach extra pages as necessary.
Include only direct design and construction costs pertaining to roads, bridges and storm wate indirect and other administrative costs are not allowable. Attach extra pages as necessary.
Include only direct design and construction costs pertaining to roads, bridges and storm wate indirect and other administrative costs are not allowable. Attach extra pages as necessary.
Include only direct design and construction costs pertaining to roads, bridges and storm wate indirect and other administrative costs are not allowable. Attach extra pages as necessary.
Include only direct design and construction costs pertaining to roads, bridges and storm wate indirect and other administrative costs are not allowable. Attach extra pages as necessary.
Include only direct design and construction costs pertaining to roads, bridges and storm wate indirect and other administrative costs are not allowable. Attach extra pages as necessary. Projects with descriptions _Repair of Tomlin Hill Road

Village of Pierpont 2021 Annual Report

ROAD & BRIDGE ANNUAL SUMMARY REPORT Page 2

_	
	*
	¥
,	
The state of the s	
TATAL	
TOTAL	
_\$20,000.00	
I declare that I have examined this report, including accompanying sci	nedules and statements, and to the
best of my knowledge; certify that the information provided above is tr	uo complete and accurate
best of my knowledge, certify that the information provided above is the	ue, complete and accurate.
Carl Lac	12/21/2021
Signature	Date
Signature	Date
Chairman of the Board	
Title	
THE	
Ronald Lee Skiles	573-999-
1212	
	Day Time Phone number
Printed Name	Day Time Phone number

Complete this report and send to Boone County Resource Management, Attn: Kelle Westcott, 801 East Walnut Room 315, Columbia, MO 65201; by December 15th.

City of Rocheport 2021 Annual Report

ROAD & BRIDGE ANNUAL SUMMARY REPORT

For use by all Entities (Application, Formula and Centralia Special Road District) to provide annual information in accordance with the Cooperative Agreement entered into with Boone County, Missouri (Commission Orders 459-2011 through 471-2011 approved on November 15, 2011, by the Boone County Commission).

Reporting Entity: City OF Rochesout
Reporting on Calendar Year: 202 /
Narrative for use of funds received 700 2 nd Steed / 15 Albs Steed
Narrative on overall condition of roads and bridges within reporting municipality:
Lair Condition
7
,
Allocation and Expenditure of Funds Received listed by project, with a project description. Include only direct design and construction costs pertaining to roads, bridges and storm water; indirect and other administrative costs are not allowable. Attach extra pages as necessary.
Projects with descriptions Additional Euros Spend
on second street Road project
2018-2019. Hais is fimi
phyment to complete project.
Storm sewer on pike street
Depair Issuu

City of Rocheport 2021 Annual Report

ROAD & BRIDGE ANNUAL SUMMARY REPORT Page 2

<u> </u>	
;	
AND THE RESIDENCE OF A STATE OF THE STATE OF	
	1
TOTAL #	
P4, 887. 45	
1001.11	3
I declare that I have examined this report, including accompanying schedules	and statements, and to the
best of my knowledge; certify that the information provided above is true, com	plete and accurate.
$\overline{}$	(
() ancie ontr	1-10-22
Signature	Date
V	
Title city cleak	
JANICE ODION	573-698-3245
Printed Name	Day Time Phone number
	8
Complete this report and send to Boone County Resource Management, Attn	Kelle Westcott 801 Fast
	Nene Westcott, our Last
Walnut Room 315, Columbia, MO 65201; by December 15th.	

City of Sturgeon 2021 Annual Report

ROAD & BRIDGE ANNUAL SUMMARY REPORT

For use by all Entities (Application, Formula and Centralia Special Road District) to provide annual Information in accordance with the Cooperative Agreement entered into with Boone County, Missouri (Commission Orders 459-2011 through 471-2011 approved on November 15, 2011, by the Boone County Commission),

	Reporting Entity: City of Sturgeon
	Reporting on Calendar Year: 2022 -
	Narrative for use of funds received
	Narrative for use of funds received Chap & Seoul
	Narrative on overall condition of roads and bridges within reporting municipality:
	all roads are in bad Shape.
	hots of DOT holes.
	Allocation and Expenditure of Funds Received listed by project, with a project description. Include only direct design and construction costs pertaining to roads, bridges and storm water; indirect and other administrative costs are not allowable. Attach extra pages as necessary.
	Projects with descriptions
	chipt Seal on all Roads
	in the City of Shirgeon.
V	Fairground Road to West Francis Street
	WOST Proctor Stroot & East Practor Street
	West Stone & East Stone . W. Harris - W. Smith
	W. Wall-W. Davis-W. Dotton-W Patton
	West Mi Boosell St. W. Burks & W Canada

ROAD & BRIDGE ANNUAL SUMMARY REPORT Page 2

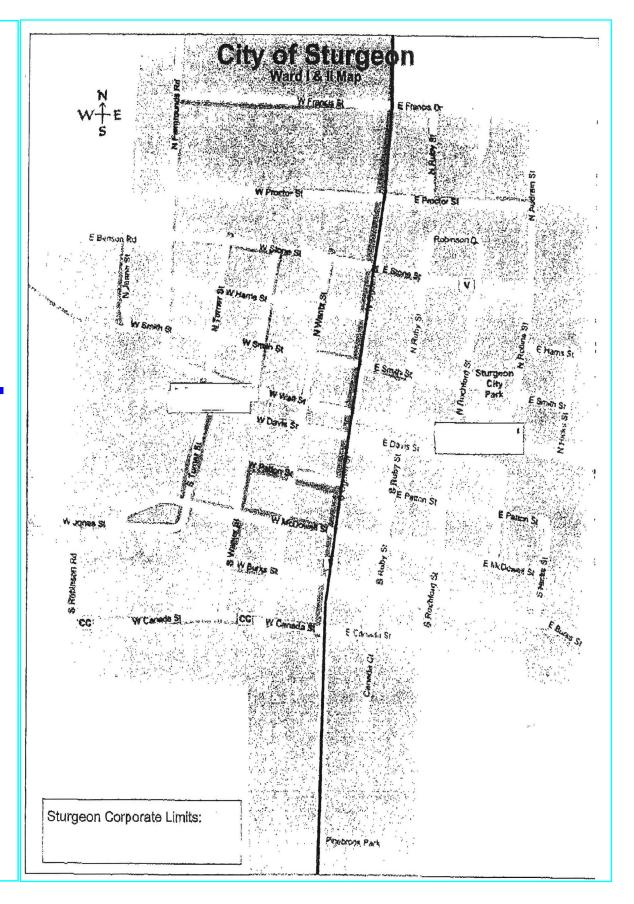
City of Sturgeon 2021 Annual Report

Would like all Roads Chip + Seal. Will Stort at Fairgroum Pood Plans to Stry on the West Half of 10wn. If all done Null have binds 1,100 do My 608t	ļS
Side & Krun	
TOTAL	
I declare that I have examined this report, including accompanying schedules and statements, and to the best of my knowledge; certify that the information provided above is true, complete and accurate.	
Donna 1 Cock Printed Name Day Time Phone number	4

Complete this report and send to Boone County Resource Management, Attn: Kelle Westcott, 801 East

Walnut Room 315, Columbia, MO 65201; by December 15th.

City of Sturgeon 2021 Annual Report





From the left: Pat Devaney, Professional Civil Engineer; Micah Taylor, Professional Civil Engineer; Dan Haid, Professional Civil Engineer and Jeff McCann,

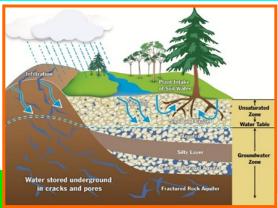






From the left: Paula Evans, Administrative Coordinator; Nicki Rinehart, Stormwater Coordinator; Lynne Hooper, Urban Hydrologist and Michele Woolbright-Hickman, Stormwater Educator







From the left: Kelle Westcott, Budget Administrator; Matt Thomas, Surveyor; and Natalie Meighan, Right-of-Way Agent.







From the left: Darin Sapp, Road Inspector; Keith Austin Chief Road Inspector; Christina Crane, Administrative Coordinator; and Mark Donoho, Road Inspector



Department Information

Boone County Resource Management

801 East Walnut, Room 315

Columbia, MO 65201

Phone: 573-886-4480

Fax: 573-886-4340

E-mail:

resmgt@boonecountymo.org

Responsibilities

- Contracted Construction Projects
- Contracted Pavement Preservation Applications
- Infrastructure Inspection
- Infrastructure Improvement

Boone County Road & Bridge

5551 S Tom Bass Road

Columbia, MO 65201

Phone: 573-449-8515

Fax: 573-875-1602

E-mail:

PublicWorks@boonecountymo.org

Responsibilities

- Routine Maintenance: Bridge Deck Sealing, Vegetation control, Crack Sealing & Snow Removal
- Culvert Clean Out & Replacement
- Gravel Road Maintenance

Mission

To provide a safe and modern transportation network constructed and maintained in a fiscally sound and environmentally responsible manner that Is effectively coordinated with city, state and federal agencies.

For information on projects, road closures and other activities look for us on the internet & facebook:

https://www.showmeboone.com/resource-management

https://www.showmeboone.com/road-bridge