

Boone County Road & Bridge 2020 Annual Report



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

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.

Letter from the Chief Engineer

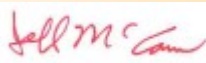
Dear Boone County Commissioners and Boone County Residents,

The Boone County Resource Management – Engineering Division is pleased to present our Annual Report which highlights major activities and accomplishments for fiscal year 2020. 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

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Requirement #1

Fiscal Year 2020
Expenses

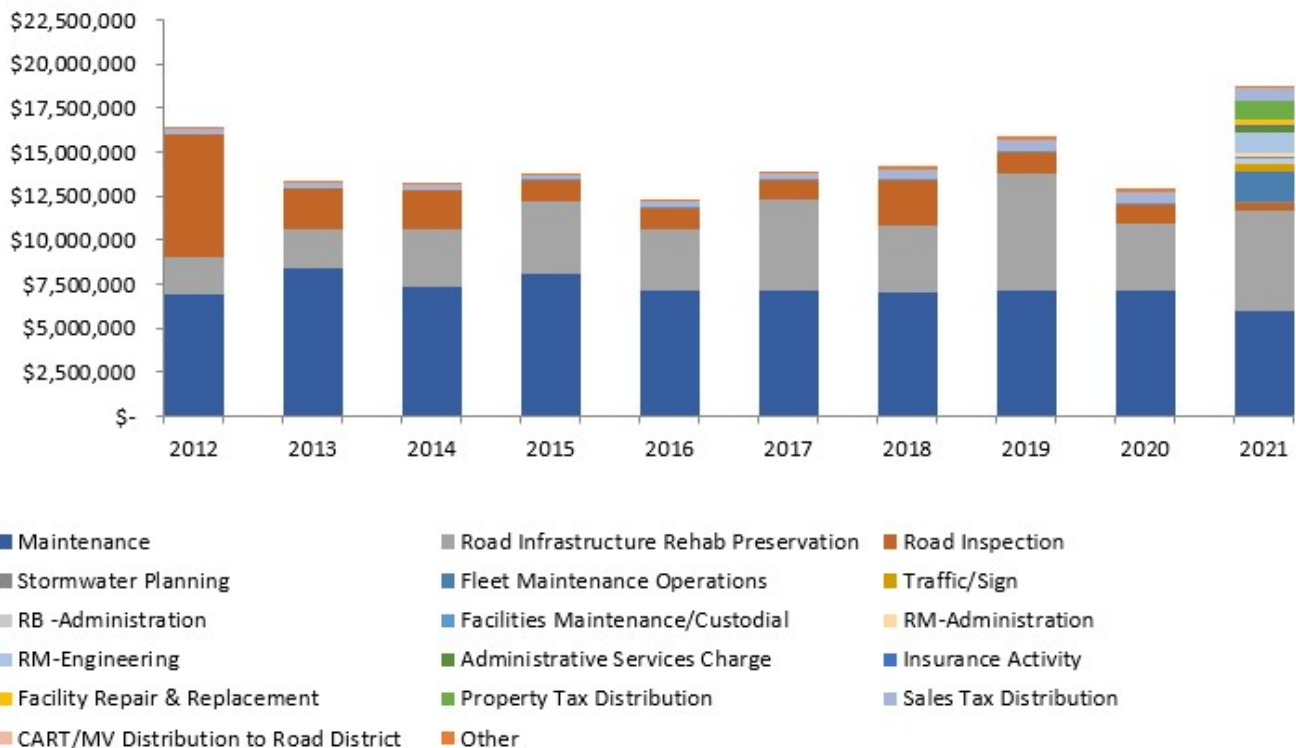


Report the money expended for construction, repair and maintenance of such roads, highways, bridges and culverts during the preceding year.

FY2020 Expenses

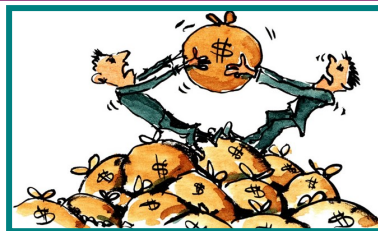
Road & Bridge Expenditures Yearly Comparison

Expenditures by Function - Road & Bridge



Amounts shown above are actual dollars spent for 2012 through 2019, projected dollars spent for 2020 and budgeted dollars for 2021.

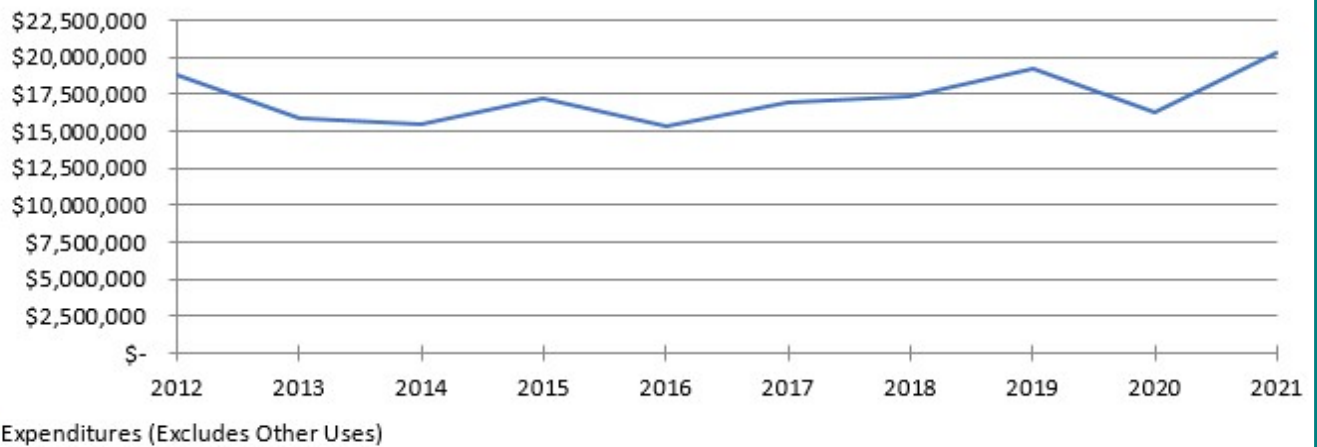
Prior to 2015 money dedicated to Pavement Preservation and Rehabilitation projects were budgeted in different categories. Beginning with the 2015 budget Pavement Preservation and Rehabilitation projects were classified in the same category.



FY2020 Expenses

Road & Bridge Expenditures Yearly Comparison

Expenditures - Road & Bridge



- ◆ 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.



FY2020 Expenses

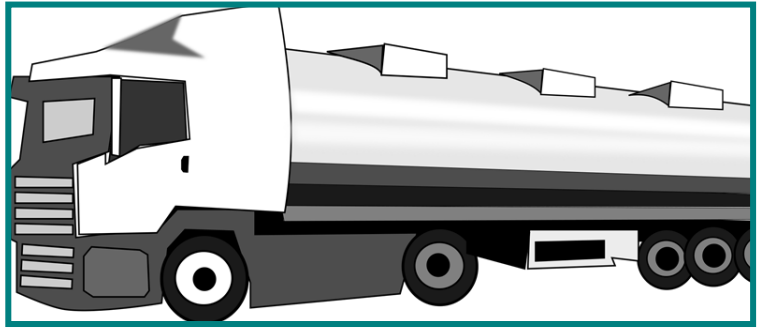
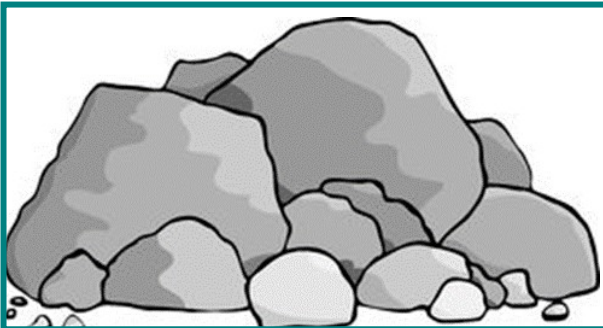
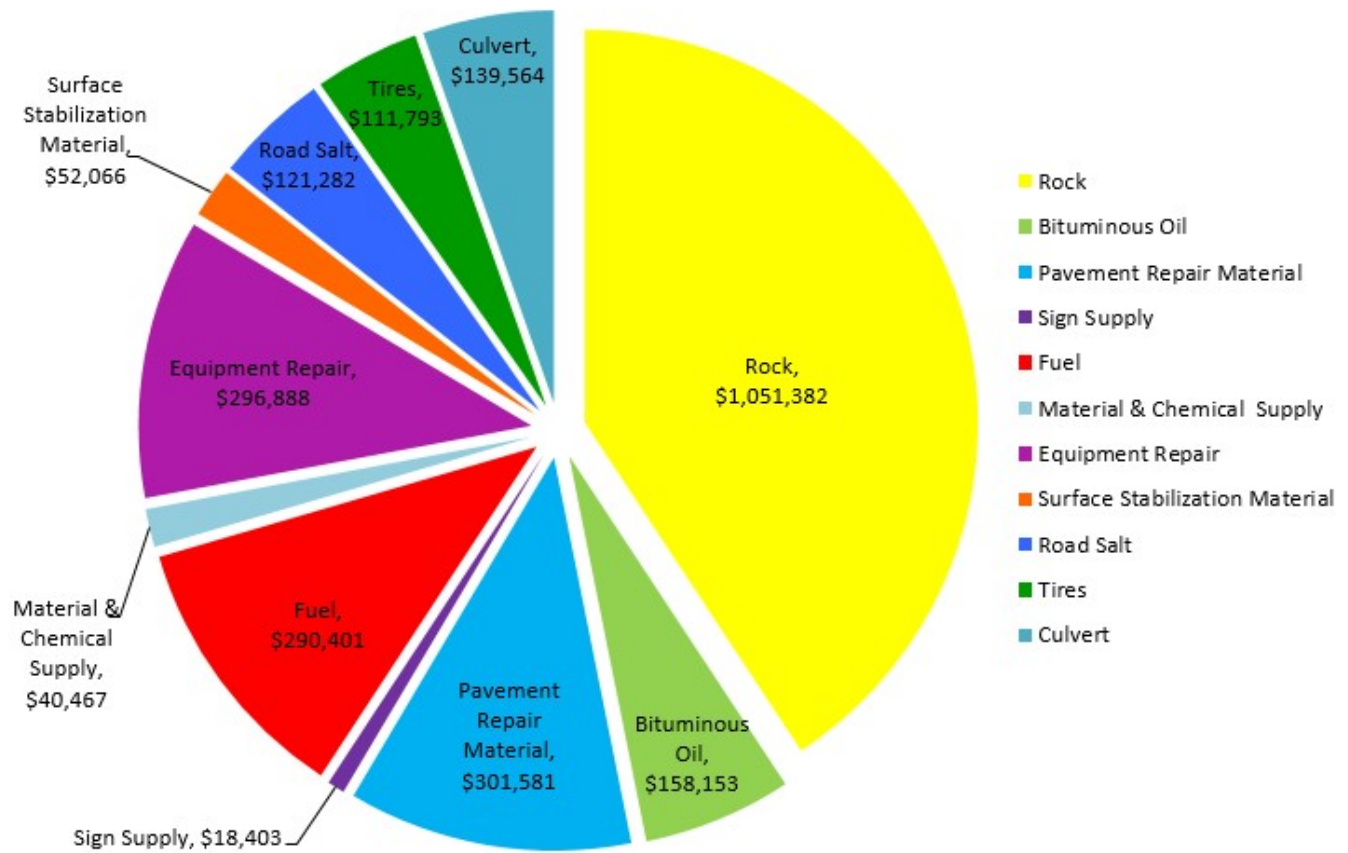
Road & Bridge Expenditures Yearly Comparison

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

	2012 Actual	2013 Actual	2014 Actual	2015 Actual	2016 Actual
Maintenance	\$ 6,897,453	\$ 8,423,002	\$ 7,316,481	\$ 8,025,593	\$ 7,136,781
Road Infrastructure Rehab Preservation	2,118,274	2,225,936	3,287,483	4,161,622	3,488,468
Road Inspection	6,959,901	2,280,728	2,232,145	1,147,802	1,122,565
Stormwater Planning	39,768	32,078	42,957	85,783	115,563
Fleet Maintenance Operations	-	-	-	-	-
Traffic/Sign	-	-	-	-	-
RB -Administration	-	-	-	-	-
Facilities Maintenance/Custodial	-	-	-	-	-
RM-Administration	-	-	-	-	-
RM-Engineering	-	-	-	-	-
Administrative Services Charge	309,500	241,755	241,755	241,755	329,163
Insurance Activity	8,821	12,904	30,590	2,753	10,870
Facility Repair & Replacement	50,000	50,000	50,000	50,000	50,000
Property Tax Distribution	206,055	218,667	224,663	249,839	247,149
Sales Tax Distribution	2,279,397	2,354,854	2,464,895	2,694,854	2,680,370
CART/MV Distribution to Road District	78,613	79,381	83,799	87,359	87,494
Other	(192,615)	4,247	(473,324)	517,760	13,246
Total	\$ 18,755,167	\$ 15,923,552	\$ 15,501,444	\$ 17,265,120	\$ 15,281,669
	2017 Actual	2018 Actual	2019 Actual	2020 Estimated	2021 Budget
Maintenance	\$ 7,095,987	\$ 7,063,077	\$ 7,128,059	\$ 7,077,758	\$ 6,009,746
Road Infrastructure Rehab Preservation	5,171,587	3,706,517	6,646,329	3,856,879	5,700,000
Road Inspection	1,037,361	2,586,288	1,195,385	1,040,845	361,473
Stormwater Planning	117,043	114,620	110,767	116,911	154,950
Fleet Maintenance Operations	-	-	-	-	1,643,271
Traffic/Sign	-	-	-	-	385,231
RB -Administration	-	-	-	-	326,018
Facilities Maintenance/Custodial	-	-	-	-	123,820
RM-Administration	-	-	-	-	228,527
RM-Engineering	-	-	-	-	1,127,243
Administrative Services Charge	405,000	538,000	630,000	675,000	675,000
Insurance Activity	8,647	44,941	23,862	1,930	233,000
Facility Repair & Replacement	50,000	150,000	150,000	150,000	150,000
Property Tax Distribution	258,052	264,403	271,372	279,453	284,600
Sales Tax Distribution	2,739,268	2,718,437	2,757,898	2,756,405	2,756,910
CART/MV Distribution to Road District	89,271	88,168	89,095	80,168	80,190
Other	6,487	131,927	158,964	175,224	10,000
Total	\$ 16,978,703	\$ 17,406,378	\$ 19,161,731	\$ 16,210,573	\$ 20,249,979

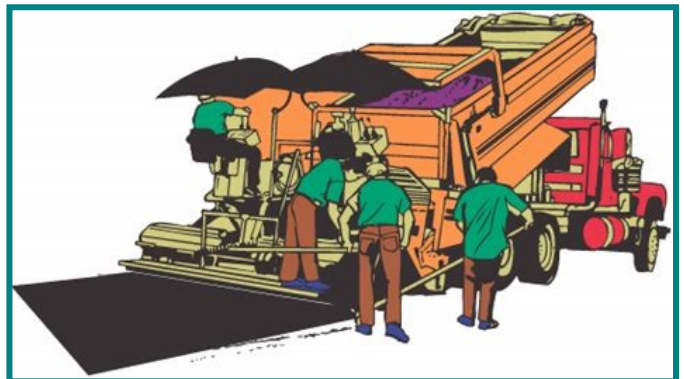
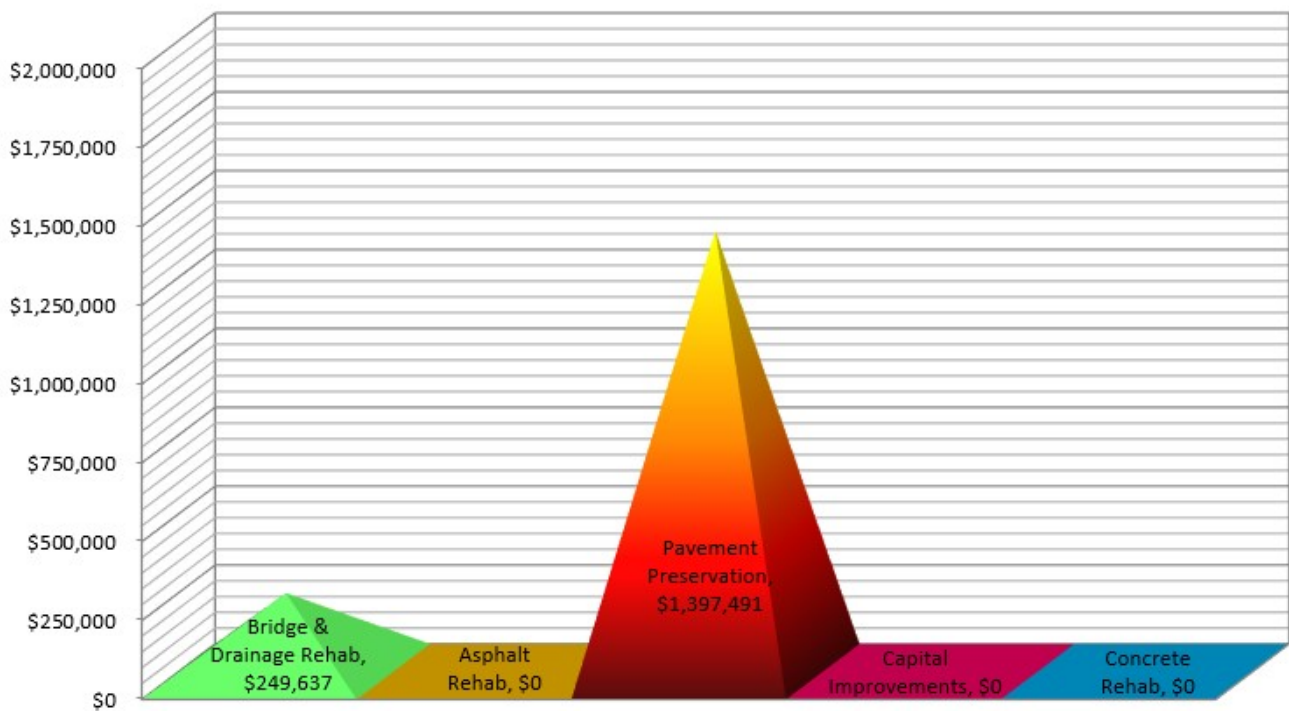
FY2020 Expenses

Road & Bridge Major Supplies Expenses 2020



FY2020 Expenses

Program Expenses 2020



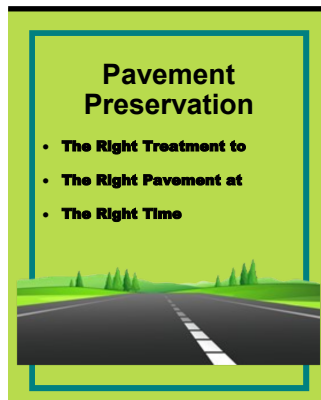
FY2020 Project Money Expended

Pavement Preservation

Preserve: to keep safe from destruction

Webster's Collegiate Dictionary 10th edition

The essence of pavement preservation is the application of ***the right treatment, to the right pavement, at the right time*** will save or delay future expenditures. The basic tactic in pavement preservation is to perform lower cost treatments to roads while they are in excellent or good condition (to keep them in good condition) rather than performing higher cost treatments to roads in worse condition. 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 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 Location:

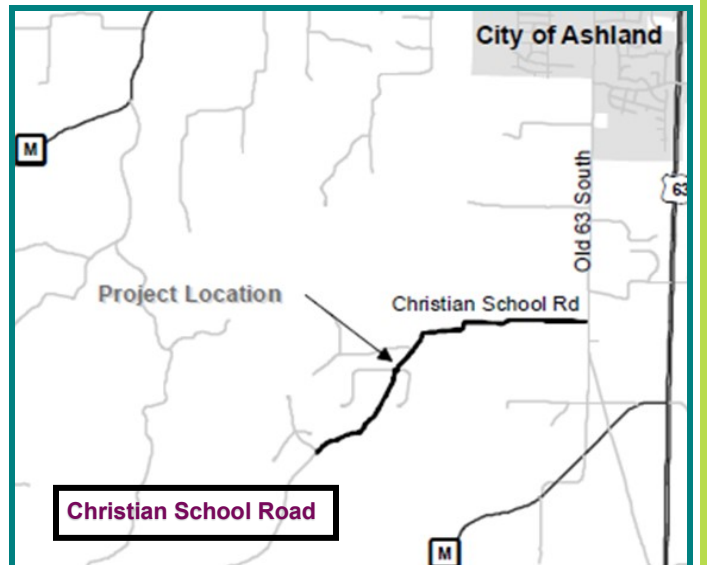
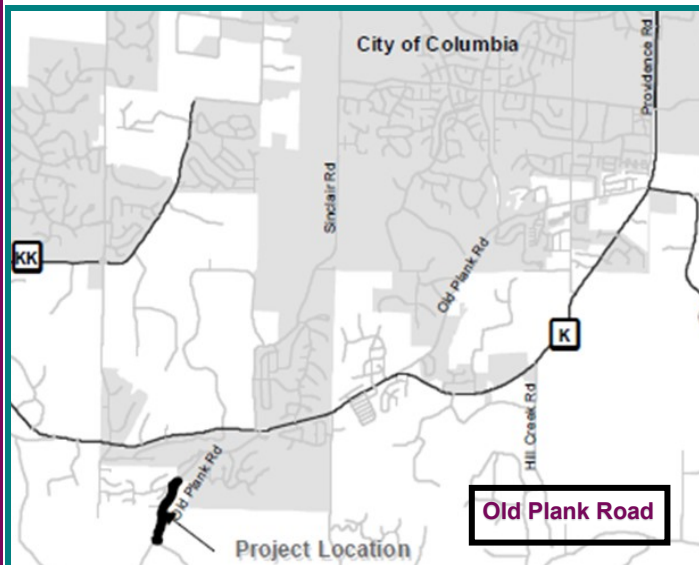
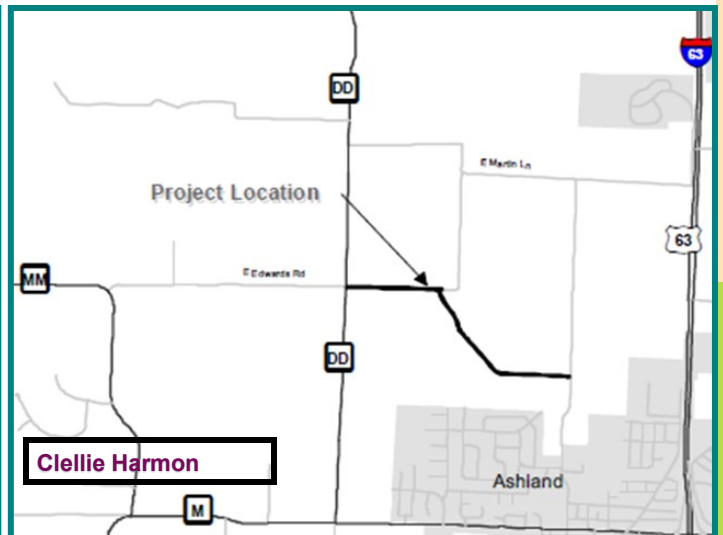
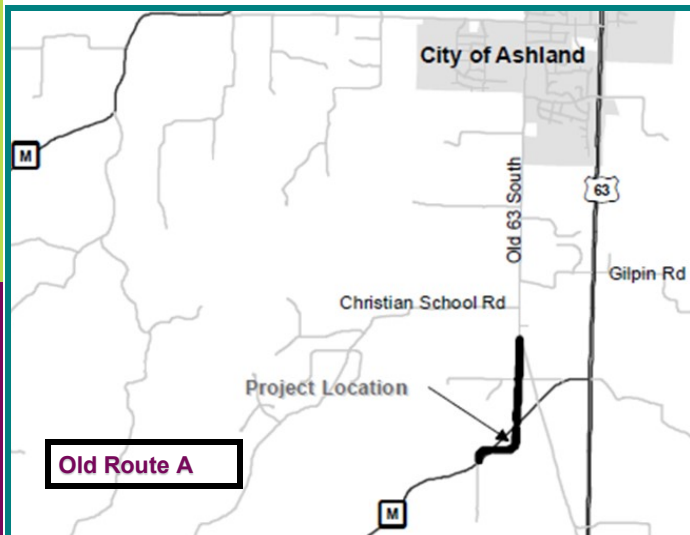
- ◆ Old Route A
- ◆ Clellie Harmon Road
- ◆ Old Plank Road
- ◆ Christian School Road
- ◆ Grace Lane.

Project Explanation:

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

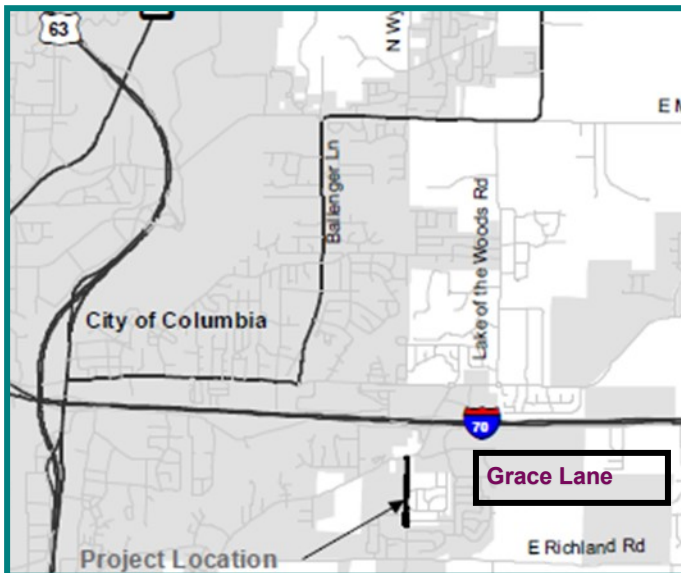
FY2020 Project Money Expended

Asphalt Overlay



FY2020 Project Money Expended

Asphalt Overlay



2020 Asphalt Overlay

- ◆ 26,497 linear feet or 5.0 centerline miles
- ◆ Covered 67,352 square yards
- ◆ Total Contracted Cost \$690,679.96
- ◆ Contracted Cost per mile \$138,135.99
- ◆ Contracted Cost per square yard \$10.25

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:

- ◆ Wishing Well Dr
- ◆ Backwoods Cove
- ◆ Woodland Cove
- ◆ Locust Grove Dr
- ◆ Pin Oak Blvd
- ◆ Golf Blvd
- ◆ Germantown Subdivision

2020 Asphalt Rejuvenator

- ◆ 7,924 linear feet or 1.5 centerline miles
- ◆ Covered 20,617 square yards
- ◆ Total Contracted Cost \$18,905.79
- ◆ Contracted Cost per mile \$12,603.86
- ◆ Contracted Cost per square yard \$0.92

FY2020 Project Money Expended

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 Location:

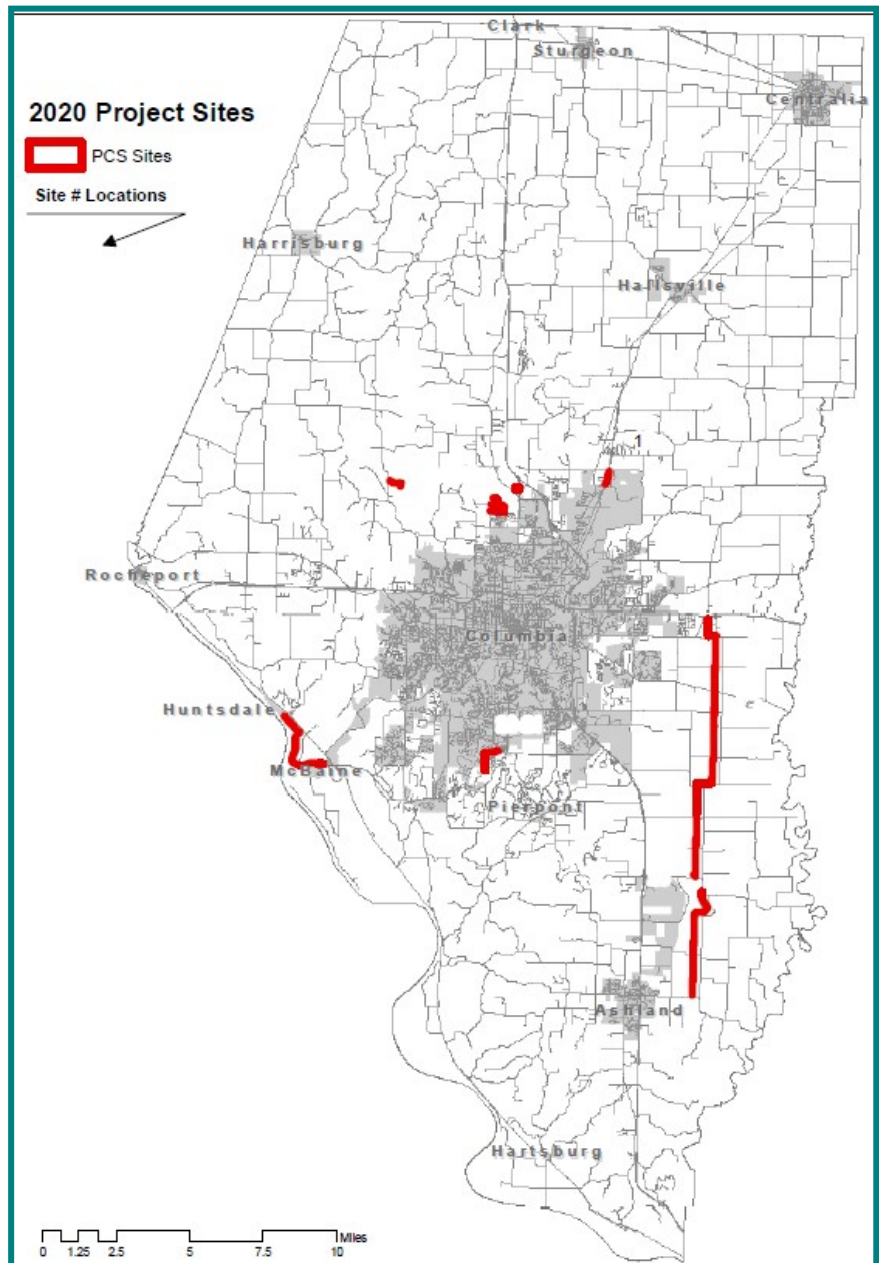
- ◆ Shown in red on this map

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 the process (Iron Mountain Trap Rock) are a very hard, durable rock which provides a wearing surface and traction to the road.

2020 Preservation Chip Seal

- ◆ 110,212 linear feet or 20.9 centerline miles
- ◆ Covered 288,302 square yards
- ◆ Total Contracted Cost \$687,905.74
- ◆ Contracted Cost per mile \$32,914.15
- ◆ Contracted Cost per square yard \$2.39





FY2020 Project Money Expended

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.

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.

For fiscal year 2020 Boone County planned a rehabilitation project for Boone Industrial Drive and Interstate Drive. Due to difficulties obtaining required easements this project was postponed until fiscal year 2021.

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.

FY2020 Project Money Expended

Drainage Structures

Project Overview:

- ◆ Install a **Cured In-Place Pipe (CIPP)** system in the existing twin 66" diameter corrugated metal culvert crossing near 1722 El Chaparral Ave. A video detailing the CIPP process can be found at : https://www.youtube.com/watch?v=BHY_QIE0Yzg

Project Location:

- ◆ Shown in red on this map

Project Explanation:

- ◆ Inspection of the existing corrugated metal pipes revealed corrosion in the flowline of the pipes, causing areas of pitting and section loss. If left alone, corrosion would continue to destroy the pipes, and could cause collapse. To be proactive and prevent a future problem, Boone County considered both pipe replacement and in place rehabilitation. Due to the numerous underground utilities and the repair location being the only ingress/egress point for half of the subdivision, rehabilitating in place with a no-dig technique was selected as the best alternative. This method would reduce the amount of inconvenience experienced by the residents.

2020 El Chaparral Ave. Culvert Rehab

- ◆ 10 working days to complete project
- ◆ Project cost \$160,834



FY2020 Project Money Expended

Drainage Structures

Project Overview:

- ◆ Remove and replace portions of the existing stormwater infrastructure in the Water's Edge subdivision.

Project Location:

- ◆ Two locations within the subdivision shown in red on the maps to the right

Project Explanation:

- ◆ Stormwater street inlets and cross road pipes in the Water's Edge subdivision were removed and replaced by Phase I of the project in 2016. Outlet pipes that carry flow through yards and to a lake had to be delayed so the County could obtain proper easements to complete this segment of the project. Failing corrugated metal piping was replaced with high-performance polypropylene pipe and new junction boxes.

2020 Water's Edge Drainage Improvements

- ◆ 20 working days to complete project
- ◆ Project cost \$75,722

For fiscal year 2020 Boone County planned a bridge replacement project on New Haven Road. Due difficulty obtaining required easements this project was delayed until fiscal year 2021.



Above—replaced zig-zag outlet pipe with new pipe and junction boxes roughly along the same alignment as old pipe



Left—replaced outlet pipe and installed approximately 130 feet of new pipe and junction boxes

Requirement #2

Fiscal Year 2021 Plan



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.

FY2021 Work Plan

Road & Bridge Revenue Yearly Comparison

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

	2012 Actual	2013 Actual	2014 Actual	2015 Actual	2016 Actual
Property Tax	\$ 1,338,822	\$ 1,360,971	\$ 1,435,135	\$ 1,449,860	\$ 1,506,835
Sales Tax	12,605,385	13,149,084	13,754,107	14,017,758	14,270,107
Motor Vehicle Sales Tax	413,881	428,153	478,831	508,312	508,987
County Aid road Tax	1,165,665	1,161,599	1,207,067	1,233,074	1,246,749
Intergovernmental	668,990	71,397	30,684	228,034	38,716
Charges for Services	1,054,408	78,538	341,568	129,040	35,054
Interest & Other	16,583	20,117	99,792	99,198	115,961
Total	\$ 17,263,734	\$ 16,269,859	\$ 17,347,184	\$ 17,665,276	\$ 17,722,409

	2017 Actual	2018 Actual	2019 Actual	2020 Estimated	2021 Budget
Property Tax	\$ 1,542,304	\$ 1,577,547	\$ 1,577,547	1,677,225	\$ 1,697,175
Sales Tax	14,322,240	14,215,362	14,181,969	13,621,195	14,111,000
Motor Vehicle Sales Tax	534,408	526,497	541,022	489,805	489,750
County Aid road Tax	1,255,175	1,229,266	1,229,266	1,113,550	1,114,000
Intergovernmental	132,025	1,554,369	70,274	754,321	643,851
Charges for Services	34,170	32,559	36,096	47,181	7,505
Interest & Other	174,186	307,549	518,392	234,588	225,970
Total	\$ 17,994,508	\$ 19,443,149	\$ 18,154,566	\$ 17,937,865	\$ 18,289,251

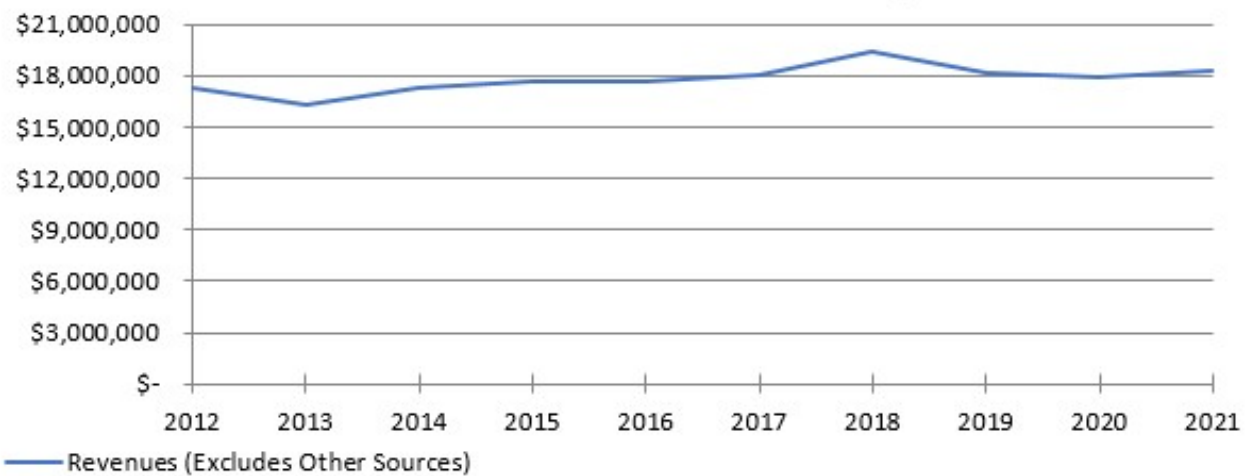
- ◆ 2018 Revenue includes \$1,516,38.95 reimbursement on a Federal Grant.
- ◆ 2019 Revenue includes \$4,584.65 reimbursement on a Federal Grant and \$23,630.80 from a State Grant reimbursement.
- ◆ 2020 Revenue includes \$53,572.01 reimbursement on a Federal Grant and \$22,833.09 from a State Grant reimbursement.



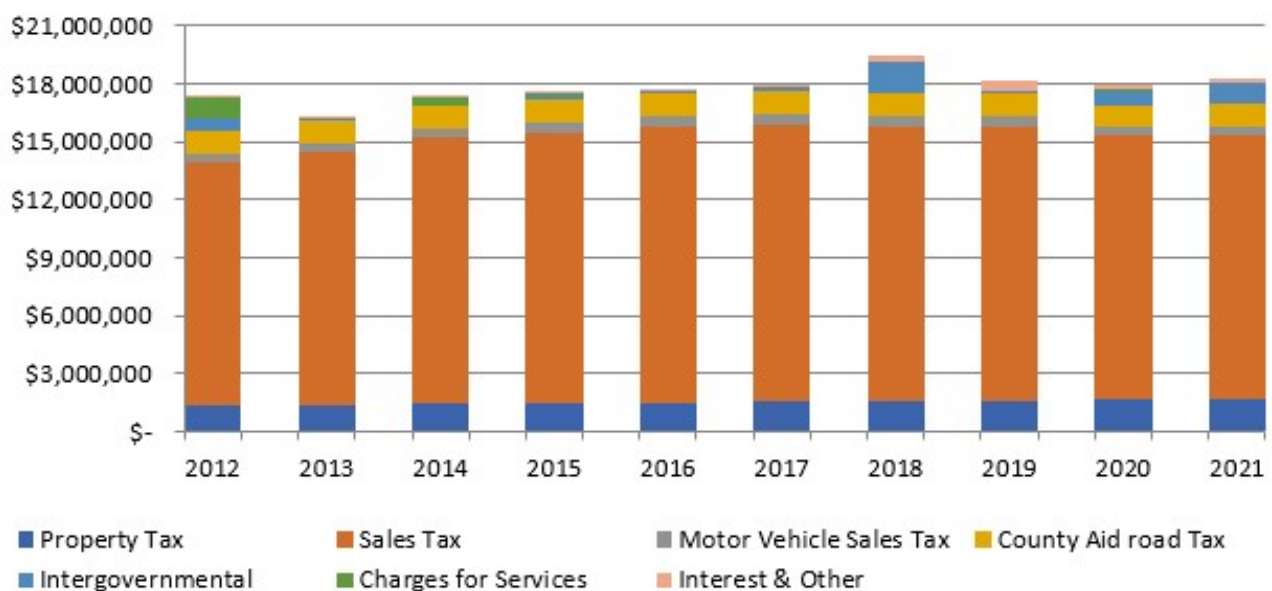
FY2021 Work Plan

Road & Bridge Revenue Yearly Comparison

Revenues - Road & Bridge

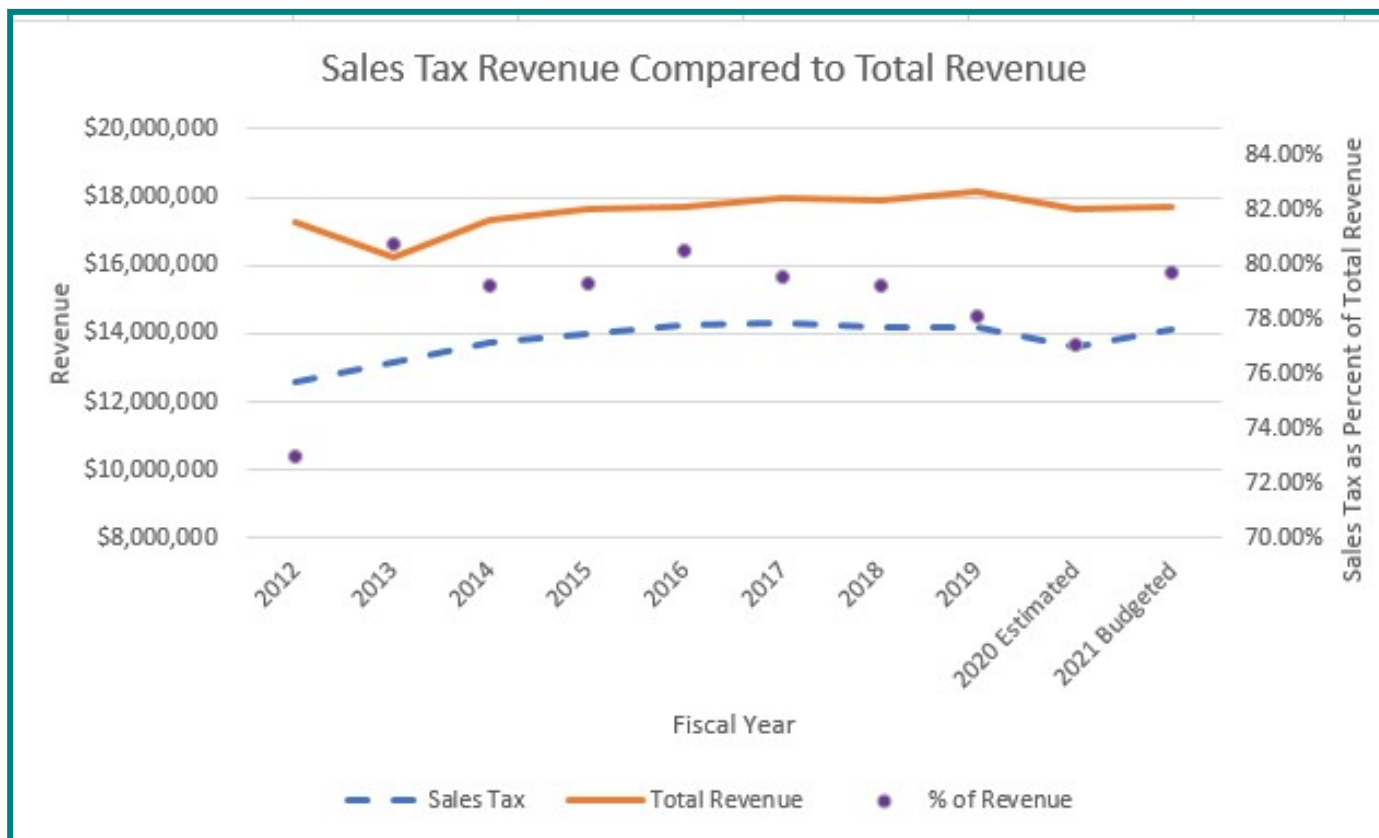


Revenues - Road & Bridge



FY2021 Work Plan

Road & Bridge Revenue Yearly Comparison



As noted in the chart above Sales Tax is the largest source of revenue to fund Road and Bridge projects. As this funding source decreases, and costs increase, it will be difficult to maintain the same level of service.



FY2021 Work Plan

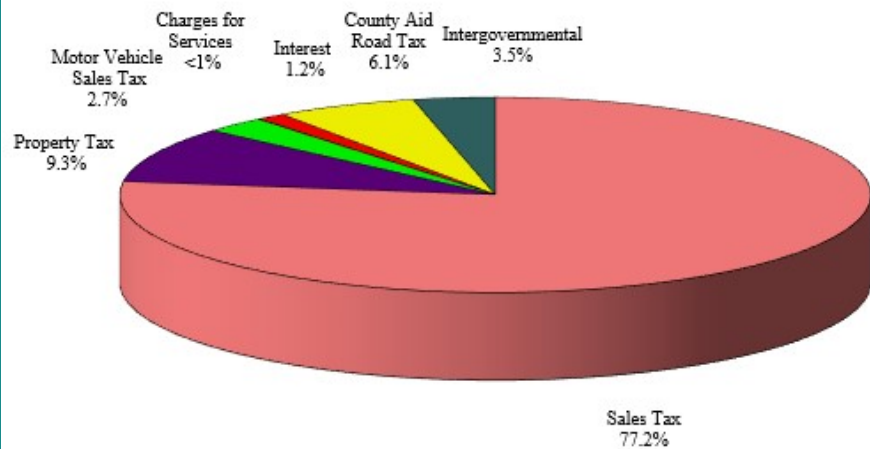
Road & Bridge Revenue By Source

Where the Money Comes From

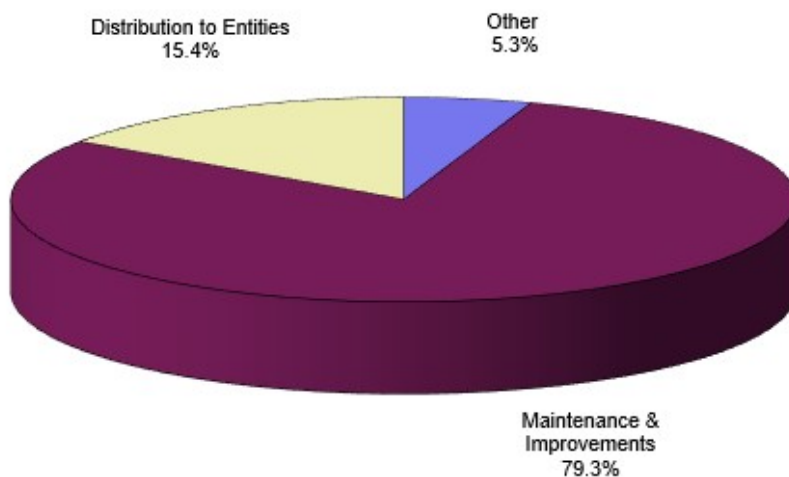
Sales Tax	\$14,111,000
Property Tax	\$1,697,175
Motor Vehicle Sales Tax	\$489,750
Charges for Services	\$7,505
Interest & Other	\$225,970
County Aid Road Tax	\$1,114,000
Intergovernmental	\$643,851
Total	\$18,289,251



Where The Money Comes From Road & Bridge Fund



What The Money Is Used For Road & Bridge Fund



Where the Money Goes

Maintenance & Improvements	\$16,060,279
Distribution to Entities	\$3,121,700
Other	\$1,068,000
Total	\$20,249,979



FY2021 Work Plan

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.

Boone Industrial Rehabilitation is in the final design-easement acquisition phase and planned for construction in 2021.

Drainage Structure Projects

Olivet Road Bridge #BR3410003, Hartsburg Bottom Road Bridge #BR4010004 and New Haven Road Bridge #BR3430024 are all in the final design-easement acquisition phase. Two are planned for construction in 2021 and one in 2022.

Gilmore Lane Bridge #BR3870025 bank stabilization is in the final design phase and planned for construction in 2021 or 2022.

Booth Lane and Graham Road Large culvert rehab/replacement is currently in preliminary design and planned for construction in 2021.

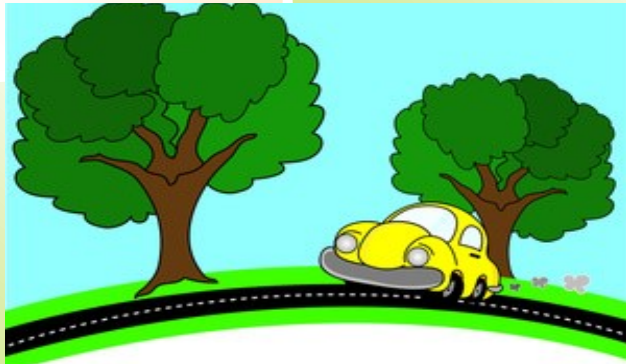
Pavement Preservation Projects

These projects are currently out for bid or under design and planned for construction in 2021:

- ♦ 87,323 sq. Yds. of Asphalt Overlay
- ♦ 403,077 sq. yds. of Preservation Chip Seal
- ♦ 96,254 sq. yds. of Surface Seal

Requirement #3

Fiscal Year 2020
Condition



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

FY2020 Condition of Boone County Maintained Roads, Bridges and Culverts

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 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.

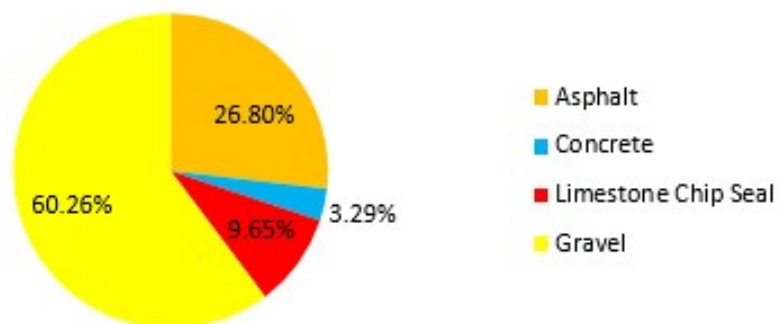
Surface Type	Total Miles	Percent of Total Road Network	Change in Total Miles from 2019
Asphalt	207.03	26.80%	+1.06
Concrete	25.40	3.29%	+2.10
Limestone Chip Seal	74.56	9.65%	-0.89
Gravel	465.44	60.26%	-0.85
Total	772.43	100.00%	+1.42

**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.

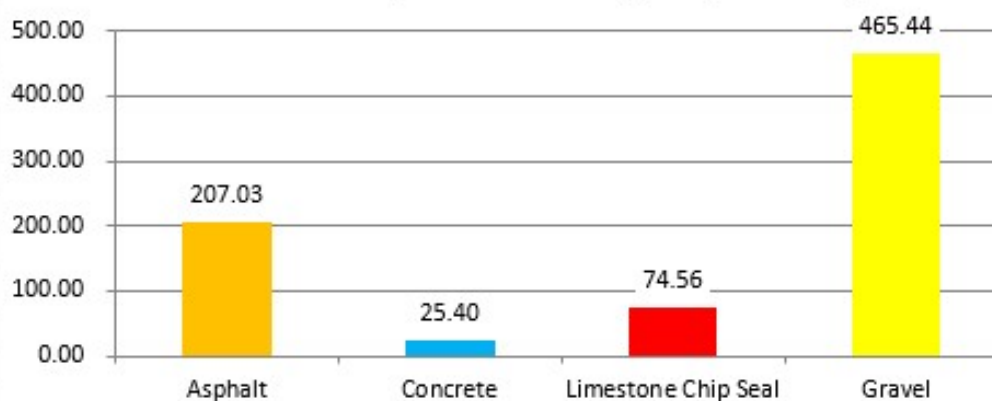
FY2020 Condition of Boone County Maintained Roads, Bridges and Culverts

Total Miles of Road Maintained by Boone County

Percent of Total Road Network



Boone County Pavement Types (In miles)



FY2020 Condition of Boone County Maintained Roads, Bridges and Culverts

2020 Asphalt Surface Ratings

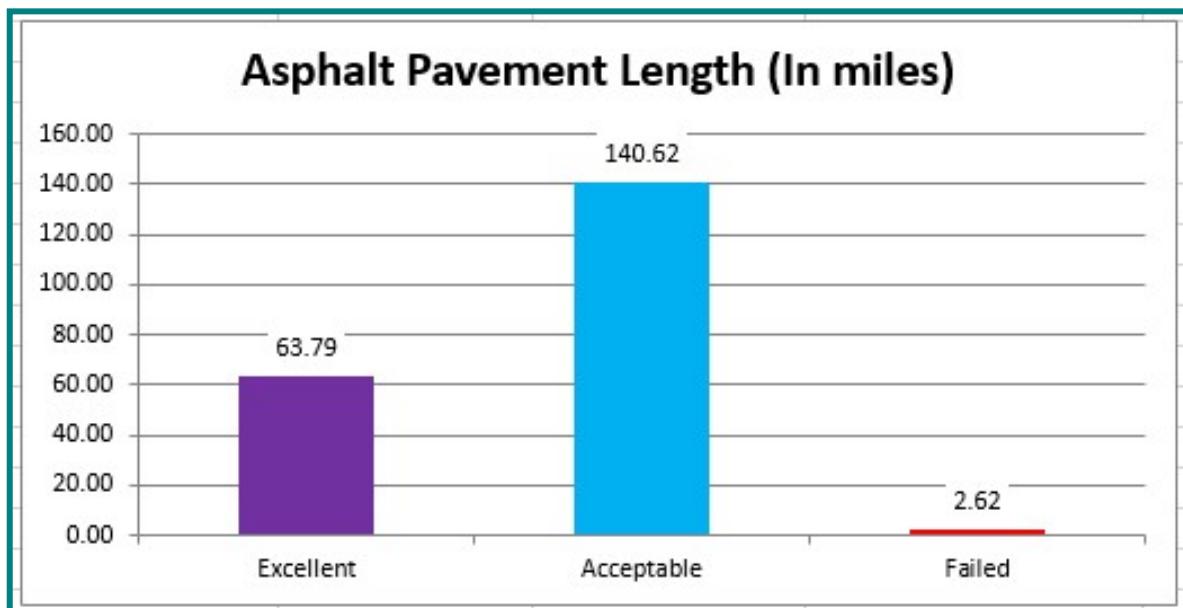
Records pertaining to asphalt roads are identified by segment, from one specific point to another. Information used to assign scores for each asphalt road segment is obtained using several different methods. Boone County uses 1) visual inspection of a segment, 2) work performed on a segment and 3) weighted 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

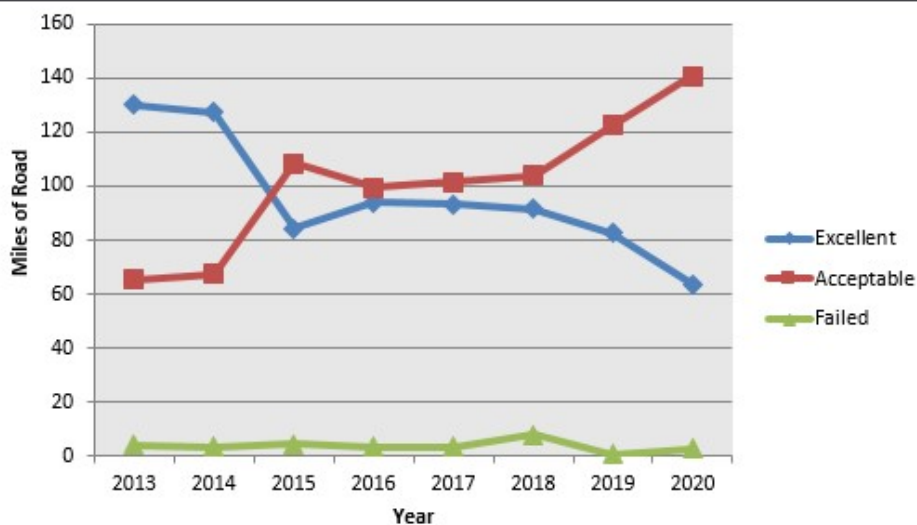
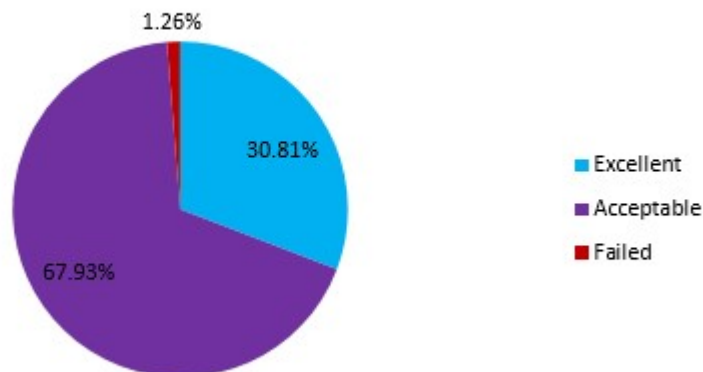
Failed = anything less than 55



FY2020 Condition of Boone County Maintained Roads, Bridges and Culverts

2020 Asphalt Surface Ratings & Comparison

Percent of Total Asphalt



FY2020 Condition of Boone County Maintained Roads, Bridges and Culverts

2020 Concrete Panel Ratings

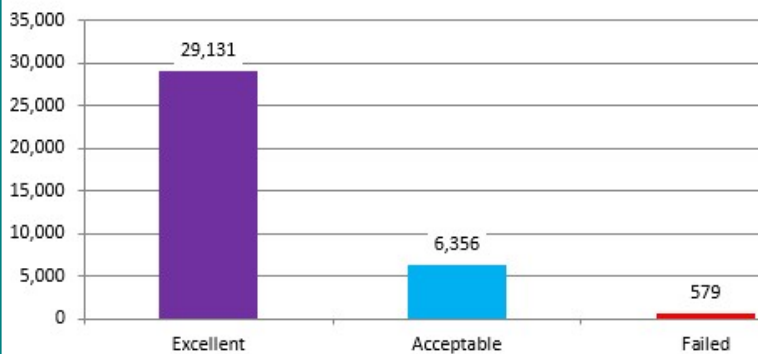
Concrete roads are a rigid or non-flexible pavement and cannot be evaluated using the same criteria used for asphalt roads. Concrete roads are inspected by each individual panel. The ratings in these graphs are based on panels in each category, and not in road miles

Excellent = panel has no damage

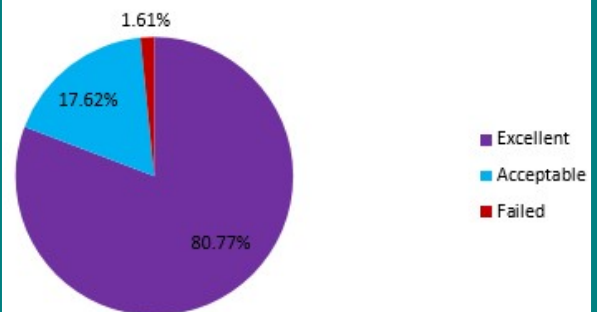
Acceptable = panel has minor damage

Failed = panel needs to be replaced

Concrete Pavement Panels



Percent of Total Concrete



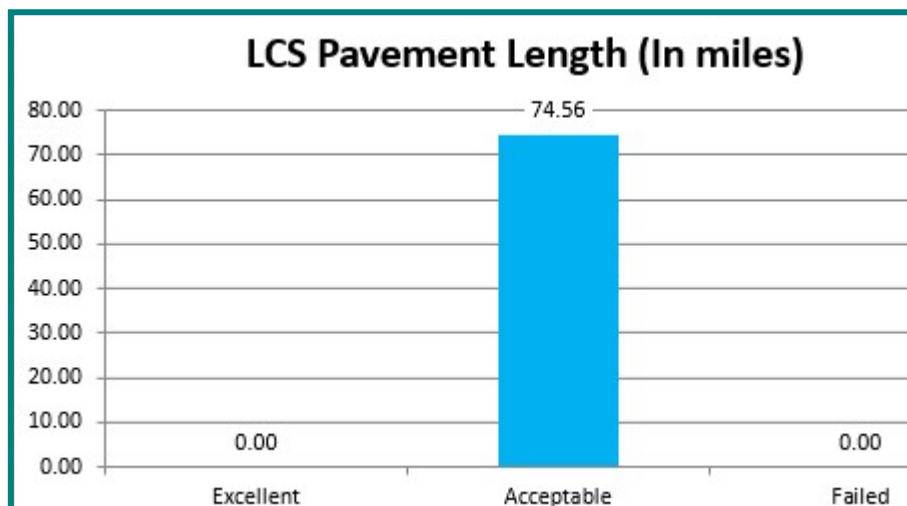
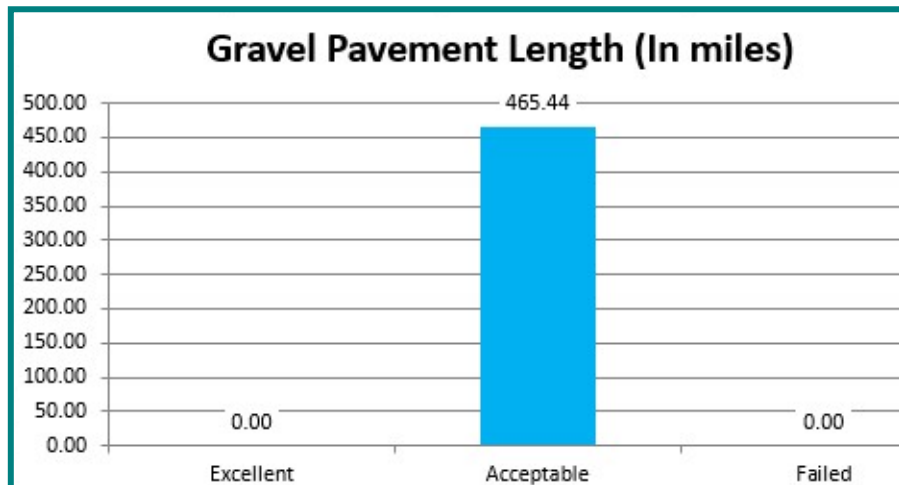
Flexible vs Rigid Pavement

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.

FY2020 Condition of Boone County Maintained Roads, Bridges and Culverts

2020 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.



FY2020 Condition of Boone County Maintained Roads, Bridges and Culverts

2020 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 2019.

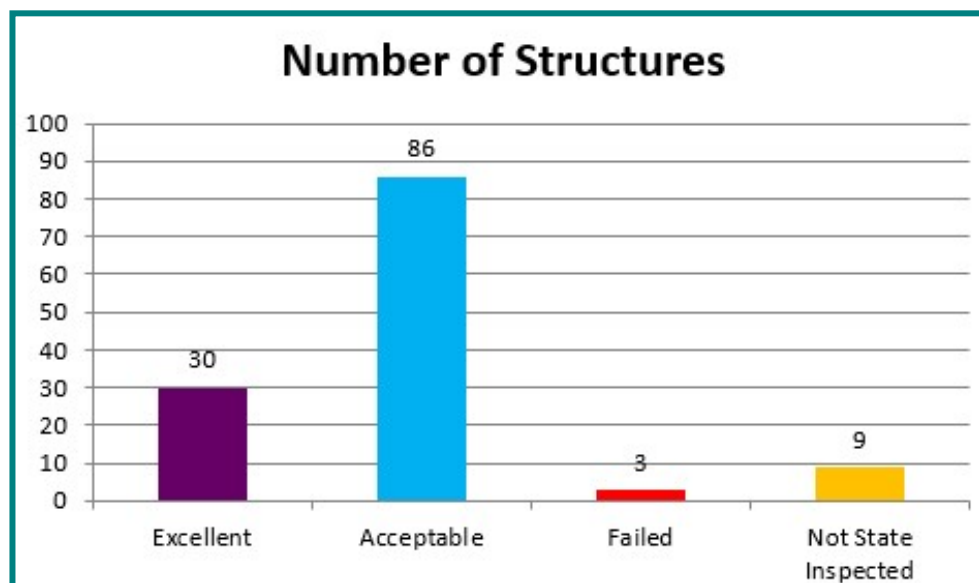
From the MoDOT inspections, the deck condition, substructure condition, and superstructure condition are rolled into an average value based on a 0—100 scale. Cartegraph generates the bridge rating value. The standards listed below are used for the rankings.

OCI = Overall Condition Index

Excellent = a value 75 and above

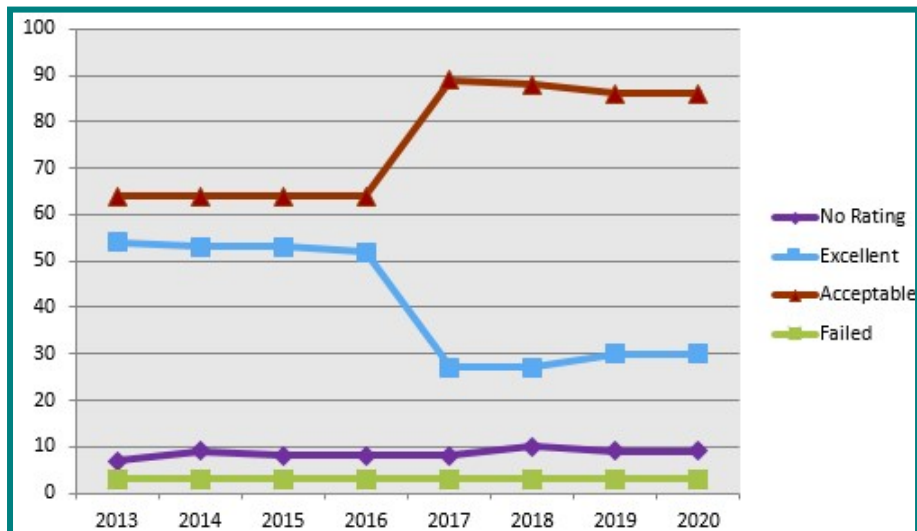
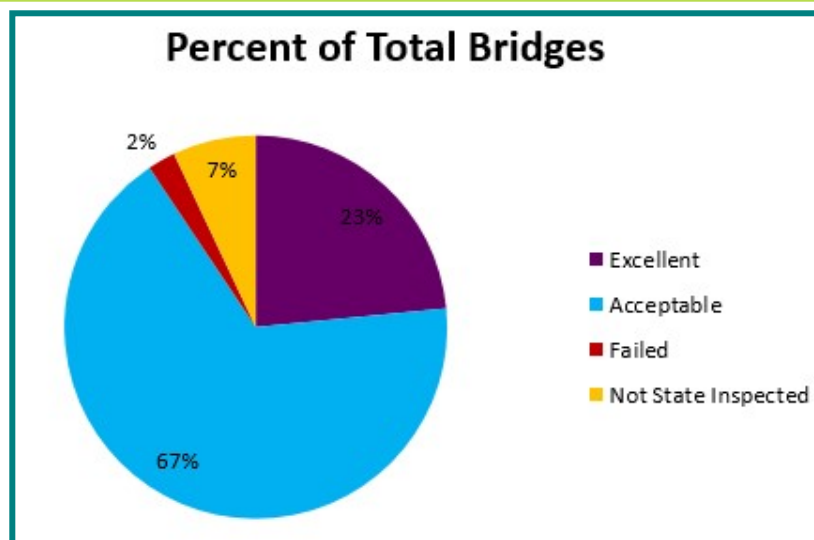
Acceptable = any value between 50 and 75

Failed = anything less than 50



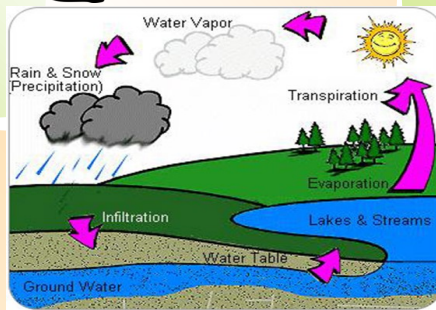
FY2020 Condition of Boone County Maintained Roads, Bridges and Culverts

2020 Bridge Ratings & Comparison



Additional Duties

Fiscal Year 2020



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

Additional Responsibilities

2020 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)



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 applied for County assistance.

Additional Responsibilities

2020 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. **45 Right-of-Way permits were issued and inspected in 2020.**

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. **163 Driveway permits were issued and inspected in 2020.**

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:

Road Name	Organization Name
Rangeline Road	OTSCON, Inc.
Creasy Springs Road	Momma T's Family
Dodd Road	Dodd Road Beautification
St Charles Road	Wettershaw Manor
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
Mauler Road	Friends of Mauler 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)

Additional Responsibilities

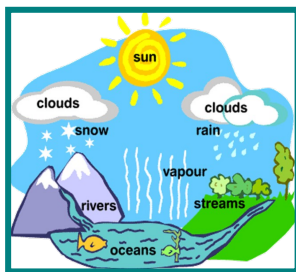
2020 Stormwater

Mission Statement

Establish stormwater management requirements and controls to enhance and protect water quality, reduce stormwater pollutant runoff, and protect and safeguard the general health, safety, and welfare of the public residing in watersheds within Boone County.

What is stormwater?

Stormwater is any water coming from precipitation. It may be rain; water from snowmelt; or water that runs off streets, parking lots, lawns, and 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. The following pages highlight the actions of our Stormwater Team during 2020 that were designed to impact our six (6) Minimum Control Measures.



Additional Responsibilities

2020 Stormwater

Public Education and Participation

**** All Public participation events either occurred prior to the pandemic restriction ordinance, or were conducted in compliance with the Boone County health order ****

- ♦ **Rock Bridge Memorial State Park Water Festival :** Boone County Stormwater took part in the 6th annual Water Festival at Rock Bridge Memorial State Park. This program served approximately 50 adults and children.
- ♦ **Columbia Young Scientists Expo:** Boone County Stormwater hosted a booth at the CYS Expo. The booth had a display focusing on stormwater and testing the water/streams. The Enviroscape was used to show different pollution sources and how rain can carry them into the waterways. 300 people visited the booth.
- ♦ **Southern Boone Second Grade:** The Stormwater Educator and Coordinator led a presentation on streams formation and meander using the stream table. The students also took part in an activity to show how humans affect waterways and what can be done to improve water quality. 160 students took part.
- ♦ **Centralia Fifth Grade-Guest Speaker:** The Stormwater Educator was the Guest Science teacher for the day presenting on stream pollution sources. The students had to create a solution to the pollution, 98 students participated.
- ♦ **Greater Bonne Femme Watershed Land Management Workshop-Spring:** Twenty-one property owners within the Greater Bonne Femme Watershed attended the all-day workshop. They learned about the pre-history of the area, history of WQ monitoring in BFW, conservation easements, importance/establishment of native plants, forest management, cost-share availability, and university extension services DIY BMPs, and how to identify and treat invasive plants.
- ♦ **4th grade Streams in the Classroom Presentation-Benton:** The Stormwater Educator used the Enviroscape to show different sources of pollution and how rain can carry them into the waterways. Showing what actions can be taken to prevent the pollution seeing 43 students.
- ♦ **Benton 5th grade Who Polluted Hinkson:** Boone County Stormwater presented about stormwater and watersheds. The attendees completed the Who Polluted the Stream activity. The audience discussed what they could do to prevent stormwater pollution. There were around 42 students in attendance.
- ♦ **Planetarium - Worm Show:** The City of Columbia's Office of Sustainability and Boone County Stormwater hosted a joint event investigating watersheds and worms' role. 36 parents and children attended the CPS planetarium.
- ♦ **Science Olympiad:** The stormwater educator served as a guest mentor for helping prepare the students for Science Olympiad competitions and how to test water

Additional Responsibilities

2020 Stormwater

Public Education and Participation Continued

- ◆ **Sustainable Living Fair:** The Stormwater educator leads a workshop about soil health and stormwater runoff. Additionally, the Collaborative Adaptive Management for Hinkson hosted an information display they saw 75 people.
- ◆ **3M Wetland Tour for Summer Camp:** Over three day, the stormwater educators for the City of Columbia and Boone County grade summer school classes came to the 3M wetlands to learn about managing stormwater runoff and improving the water quality of the water that enters our local streams. The students learned about how wetlands are created and their functioning. They also completed the wetlands scavenger hunt created by the city's stormwater educator seeing 60 campers.
- ◆ **FFA Storm Drain Marking:** Students marked the downtown storm drains in Ashland, informing passers they should not dump waste down the drain because the water directly goes to a stream.
- ◆ **Contractor Education:** Concrete companies and producers were mailed a letter, and a brochure encouraged and described the importance and methods of disposing of the cement slurry.
- ◆ **Guest Lecture at MU School of Natural Resources:** The urban hydrologist was the guest lecturer for a class at the University of Missouri, School of Natural Resources. The Bonne Femme Watershed Project was the topic. There were 30 people in attendance including students in the class and other interested parties.
- ◆ **Presentation for the Cave Institute at Rock Bridge Memorial State Park:** The urban hydrologist gave a presentation about water quality to the Cave Institute participants at Rock Bridge Memorial State Park. Approximately 15 people were in attendance.
- ◆ **MACC-Community Educator, Conservation Biology:** The stormwater coordinator was the guest lecturer informing the students about the development of regulations and how stormwater impacts the environment.



Stream Table displayed at multiple events



Water Festival



Additional Responsibilities

2020 Stormwater

Public Involvement Opportunities

- ◆ First Day Hike on Deer Run Trail at Rock Bridge Memorial State Park
- ◆ 1 - KOPN
- ◆ 6 - Rock Bridge Memorial State Park Water Quality Monitoring Events
- ◆ City of Ashland WWTF Open House
- ◆ Farm and Fiddle Radio Show
- ◆ 4-Bioretenation Planting Days

Training Opportunities for County Staff

- ◆ **Agroforestry Symposium:** The stormwater educator attended the Agroforestry Symposium, the day long program them was "show me more!" hosting panels, workshop and poster focusing on the how forested areas can be economically productive while improving the environment and water quality.
- ◆ **NAAEE Conference:** The Stormwater Educator attended the annual North American Association for Environmental Education. Emphasizing presentation and workshops about curriculum development, environmental literacy, connecting with nature, sustainable communities, and link research and practice to increase impact.
- ◆ **Mid-MO Soil Health Seminar:** The Stormwater Coordinator, Educator, and Urban Hydrologist attended this 2-day seminar in Boonville learning about cover crops and grazing techniques to improve water quality.
- ◆ **REGFORM:** Stormwater staff attended Missouri REGFORM to learn about EPA stormwater rulings and other stormwater-related topics.

Additional Responsibilities

2020 Stormwater

Training Opportunities for County Staff Continued

- ◆ **AWRA Virtual Annual Conference:** The Boone County Urban Hydrologist attended the American Water Resources Association Conference virtually this year. This weeklong conference featured lessons learned from the implementation of 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. The conference was virtual this year but still provided beneficial information that the Urban Hydrologist will incorporate into the work she performs for Boone County.
- ◆ **Webinars**
 - ◆ EPA Webinar: Science to Support and Implement Microbial Water Quality Criteria
 - ◆ EPA Webinar: Effective Public Outreach in Massachusetts MS4 Communities
 - ◆ EPA Webinar: Drinking Water Microbes 101
 - ◆ EPA Webinar: Why Geophysics is Needed for Water Resources Management
 - ◆ NRCS Webinar: Measuring and Understanding the Effects of Conservation within Watersheds
 - ◆ Rodale Webinar: Watershed Impacts of Soil Health Practices
 - ◆ EPA Webinar: Water Reuse for Agricultural Purposes
 - ◆ EPA Webinar: Understanding PFAS In Our Water Cycle: Sources, Regulations, and Mitigation Solutions
 - ◆ EPA Webinar: How's My Waterway
 - ◆ Missouri Department of Natural Resources Webinar: Nutrient Management
 - ◆ EPA Webinar: Failure is not an Option: Using Social Infrastructure for Urban Water Delivery When There's No Engineering Solution
 - ◆ UVM Extension Webinar: COVID in Water
 - ◆ EPA Webinar: SARS CoV-2 in Wastewater Monitoring: Linking Research and Application to Meet Immediate Needs

Additional Responsibilities

2020 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>
- ◆ Wetland lesson plans middle school
- ◆ Watershed scavenger hunt: <https://riverrelief.org/resource/the-great-missouri-river-scavenger-hunt/>
- ◆ Salt Smart Video <https://www.youtube.com/watch?v=2hnnQF7g4l8>
- ◆ Elementary watershed video <https://www.youtube.com/watch?v=Cd6cSgYWimA>
- ◆ Storm Drain Marking Campaign: <https://www.showmeboone.com/stormwater/marker/>

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 two (2) 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.

Additional Responsibilities

2020 Stormwater

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 one (1) time.
- ◆ **Action Team** - The Action Team met four (4) times.
- ◆ **Science Team** - The Science Team met eight (8) times.
- ◆ **Riparian Subcommittee** – The Riparian Subcommittee of the Stakeholder group met two (2) times.
- ◆ **Habitat Assessment** – Physical Assessment is 100% complete. Spatial analysis is ongoing.
- ◆ **Forum Nature Area Level Spreader** – Construction and monitoring are 100% Complete
- ◆ **Evaluation of the Missouri River Backwater Effects** – 100% Complete
- ◆ **Combined Flow & Suspended Sediment Study** – 100% Complete
- ◆ **Fine Sediment Mapping** – 100% done. Data analysis is pending.
- ◆ **Macroinvertebrate Study** – 100% complete. Waiting on presentation of final report
- ◆ **Synoptic Sampling** – Sampling began using MU students in 2019. Funding was approved in 2019 to continue sampling for 2 additional years. Nine (9) events were completed in 2020.
- ◆ **USGS Comprehensive Chemical Sampling** – This project is on hold, pending funding.

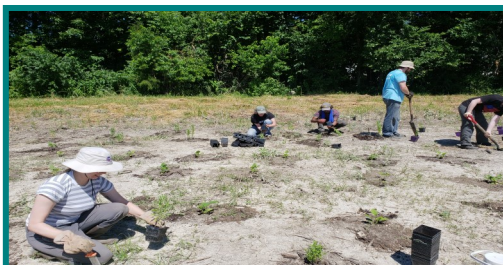
Additional Responsibilities

2020 Stormwater

Bonne Femme Watershed Project

The 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 Little Bonne Femme and Bonne Femme Watersheds in Boone County. In 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 for the Greater Bonne Femme Watershed. The grant period began August 1, 2018 and was scheduled to run through July 31, 2020. This year we requested a budget increase and time extension. Both were approved extending the time frame of this project until July 31, 2021.

- ◆ **Technical Advisory Committee** – The committee met six (6) 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. These stations continue to provide stage and temperature information.
 - ◇ Quarterly stormwater sampling at ten (10) locations in the watershed
 - ◇ E. coli testing is ongoing
- ◆ **Cooperative Stream Investigation Project** – This project was completed 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.
- ◆ **Draft Watershed-based plan** – The stormwater team worked to develop the draft watershed-based plan for the Greater Bonne Femme Watershed. This will be submitted to the Missouri Department of Natural Resources and the Environmental Protection Agency early next year.



Additional Responsibilities

2020 Stormwater

MS4 Compliance

STORMWATER PROGRAM COMPLIANCE							
	Stormwater Prevention Plans Reviewed	Pre-Application Meetings Held	Land Disturbance Permits Issued	Stormwater Discharge Permits Issued	Pre-con 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

Joint MS4 Coordination Meetings

Stormwater staff from Boone County, City of Columbia, and MU meets each month to coordinate and work on stormwater activities. This year the committee met seven (7) times

City of Ashland 2020 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:

2020

Narrative for use of funds received

The Boone County Road and Bridge Repair Fund provided the City of Ashland with \$155,387.56 in 2020. This is a \$1,612.44 decrease from the amount provided in 2019 (\$157,000). This \$155,387.56 was utilized in November 2020 for a mill and overlay project of several streets inside Ashland city limits. That project had a total cost of 184,931.32.

In 2019, the City of Ashland had earmarked \$117,711.51 of funds received from the Boone County Road and Bridge Repair Fund for the replacement of the Sarah Dr Bridge. That project was completed in December 2020.

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

The condition of roads and bridges within Ashland city limits are overall in good shape. The sole bridge in town maintained by the City of Ashland (Sarah Dr Bridge) has recently been replaced. We continue to see older streets throughout town, particularly 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.

City of Ashland 2020 Annual Report

Projects with descriptions _

The following project was funded with the 2020 Boone County Road and Bridge Repair Fund:

2020 Mill and Overlay Project

Total Project Cost: \$184,931.32

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 asphalt to serve as the new roadway surface. The following streets were included in this project, along with their respective costs.

American Setter Dr/English Setter Dr Loop	\$121,822.05
Breton Way	\$19,283.74
Westwind Ct	\$18,042.08
James Ct	\$13,328.84
Sunset Meadows Way	\$12,454.61

The following project was funded with the 2019 Boone County Road and Bridge Repair Fund:

Sarah Dr Bridge Replacement

Approximate Total Project Cost: \$130,000.00

This project consisted of the demolition of the existing bridge. After site preparation, a new concrete box culvert was installed. A concrete road deck and curbs were poured to finalize the project.

***we are currently awaiting the final bill and change order from the contractor and are unable to provide an exact project cost until completion of such

City of Ashland 2020 Annual Report

Report Summary

The City of Ashland has expended all received funds from 2019 and 2020 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.

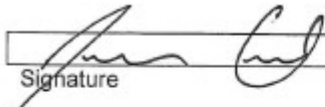
The City of Ashland looks forward to continued cooperation between ourselves and the County of Boone to provide exceptional services to our tax payers.

TOTAL

~\$315,000

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.

City of Ashland 2020 Annual Report

	1/7/2020
Signature	Date
Public Works Director	
Title	
James Creel	573-657-2568
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 Centralia 2020 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 Centralia

Reporting on Calendar Year: 2020

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 large patches on Emerald Drive. We also filled potholes and conducted regular road maintenance.

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 20209. The other numbers are supplied for comparison.

ROAD & BRIDGE ANNUAL SUMMARY REPORT

Page 2

This image shows a single sheet of white paper with horizontal blue or grey ruling lines. The lines are evenly spaced and run across the width of the page. There is no handwriting or other markings on the paper.

TOTAL

\$706,834.49

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

Heath Russell

2/22/2021

Date _____

City Administrator

Title

Heather Russell

573-682-2139

Printed Name

Day Time Phone number

City of Centralia 2020 Annual Report

CAPITAL IMPROVEMENT PROJECTS

FISCAL YEAR 2020 - 2021

ASPHALT OVERLAY - PROJECTED EXPENDITURES

Street	Segment	Width	Length	Depth in Inches	Estimated		FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24		
					Tons of Asphalt	Estimates						
Hulen St	Entire length	20	634	2	167.93	12,594.41	12,594					
Lakeview St.	Adams to Hwy 124	22	1776	2	517.44	38,808.27	38,808					
Bruton St	Allen-Jenkins	16	1170	2	247.92	18,593.64	18,594					
Reed St	Whitman to Bruton	26	623	2	214.52	16,088.67	16,089					
Whitman St	Denton to Reed	20	306	2	81.05	6,078.69	6,079					
Allen St	Lakeview to Bruton	22	1354	2	394.49	29,586.94	29,587					
Rollins St	Barnes to Railroad	60	1239	2	984.51	73,838.22	73,838					
Hickman St	Singleton to Railroad	46	460	2	280.23	21,017.17	21,017					
Singleton St	Hickman to Rollins	55	600	2	437.03	32,777.26	32,777					
Howard Burton	Tarr to Southland	22	298	2	86.82	6,511.75	6,512					
Southland St	from Howard Burton	24	968	2	307.67	23,075.19	23,075					
Allen Street	between railroad tracks	50	356	2	235.73	17,679.85	17,680					
Allen St	Lakeview to Bryson	22	1907	2	555.61	41,670.82		42,088				
Allen St	Bryson to Alco	21	641	2	178.27	13,370.14		13,504				
Allen St.	Alco to Gano	21	667	2	185.44	13,908.28		14,047				
Singleton St	Rollins to Jefferson	55	1073	2	781.56	58,616.66		59,203				
Miles St	Lakeview to Booth	23	1038	2	316.17	23,712.85		23,950				
Barnes St	Allen-Rollins	38	380	2	191.23	14,342.53		14,486				
Bradford St	Singleton-Sneed	19	275	2	69.20	5,189.73		5,242				
Sidewalk along Hwy 22	Howard Burton to Country Club	8	4300	4	911.14	113,892.69		115,032				
Sidewalk on Booth	Jefferson to City Pool	5	2645	4	350.29	43,785.78		44,224				
Jefferson St.	Railroad to Cox	38	3768	2	1896.23	142,217.53			145,062			
Barnes St	Rollins to Columbia	22	984	2	286.69	21,501.88			21,932			
Bradford St	Sneed-Sims	20	1405	2	372.14	27,910.33			28,469			
Rodemyre	Jefferson to Howard Burton	24	1294	2	411.29	30,846.38			31,463			
Collier St	Singleton-Sneed	22	267	2	77.79	5,834.35			5,951			
Poage St.	(Lee to Jefferson)	27	1300	2	464.84	34,863.08			35,560			
Stone St	Switzer-Poage	16	283	3	89.95	6,746.16			6,881			
Collier St	Railroad-Singleton	22	422	2	122.95	9,221.33			9,406			
Collier St	#211-Barnes	26	343	2	118.10	8,857.81			9,035			
Collier St	Sneed-#211	50	145	2	96.01	7,201.06			7,345			
Central Street	Gano Ch - cul-de-sac	29	738	2	283.43	21,257.54				21,895		
Cook, Leach, Richey & Rocky (Tidball Tr. Pk.)		18	2354	1.5	420.86	31,564.50				32,511		
S. Columbia (Countryland to Gano)		22	707	3	308.98	23,173.52				23,869		
Singleton St	200' e Collier-Jefferson	51	578	1.5	292.79	21,959.27				22,618		
Rollins St	Barnes-Sneed	37	415	1.5	152.51	11,438.52				11,782		
Hickman (100 N, part)		28	176	3	97.89	7,342.11				7,562		
Cost Totals							\$ 1,037,075	\$ 296,650	\$ 331,774	\$ 301,104	\$ 120,238	
Total Tons							11363.37	12818.79	3955.33	3538.91	3936.00	1556.47

City of Centralia 2020 Annual Report

PUBLIC WORKS - HIGHWAYS AND STREETS

ACCOUNT NUMBER ACCOUNT TITLE

PLANNING & ADMIN

Calendar 2020	FY2020-21 BUDGET	CALC 2020-21 BUDGET	FY2020-21 AUDIT	CALC 2020-21 AUDIT	FY2020-21 BUDGET	FY2020-21 AUDIT
01-313-0001 SALARIES & WAGES	8,323	8,328	8,472	8,328	8,472	7,584
01-313-0002 OVERTIME WAGES	154	1,843	948	1,720	948	1,062
01-313-0003 ACCRUED EMPLOYEE BENEFITS	6,553	7,075	6,367	6,365	6,365	5,366
01-313-6100 PRINTING, PUBLICATION	44	353	364	349	364	549
01-313-6120 TELECOMMUNICATIONS	-	350	224	225	-	64
01-313-6301 PROF. SERVL. AGTCH. ENG.	-	5,000	43,715	40,226	40,226	75,438
01-313-6320 CONTRACT LABOR	1,445	1,400	1,300	1,300	1,300	1,000
01-313-6370 MAINT. AGREEMENTS, LEASE	3,499	4,000	1,000	889	966	880
01-313-6380 TRAVEL, LODGING, TRAVEL	-	3,500	1,114	1,114	-	300
01-313-6301 OFFICE SUP. FURNITURE	-	-	-	-	-	-
01-313-6400 EQUIPMENT SUPPLIES	341	350	340	279	335	317
01-313-6410 EQUIPMENT USE CHARGE	6,233	7,000	6,365	6,365	6,365	6,313
01-313-6406 COMMUNITY DEV BLOCK GRANT	2,000	-	-	4,317	-	-
01-313-6506 MISC. CAPITAL	-	-	-	-	-	-
SUBTOTAL	28,221	32,472	90,342	52,754	90,342	90,067

STREET MAINTENANCE

01-313-5502 VEHICLES	81,046	-	-	-	-	81,046
01-313-5508 OTHER EQUIPMENT	-	33,354	-	-	-	-
01-313-5509 MISC. CAPITAL	-	-	-	-	-	-
01-313-6001 SALARIES AND WAGES	22,724	17,292	27,224	18,094	26,363	18,449
01-313-6002 OVERTIME WAGES	40	1,750	2,074	1,725	2,843	1,631
01-313-6003 ACCRUED EMPLOYEE BENEFITS	35,854	13,028	18,184	12,485	15,409	13,417
01-313-6120 PRINTING, PUBLICATION	300	58	100	58	150	50
01-313-6132 UTILITIES-NATURAL GAS, PW	928	400	400	359	604	154
01-313-6100 CONTRACT LABOR	1,993	5,000	5,500	2,585	5,800	5,331
01-313-6160 REPAIR SERVICE	45	300	300	19	300	19
01-313-6170 MAINT. AGREEMENTS, LEASES	-	-	-	-	300	-
01-313-6180 INSURANCE	1,079	-	-	-	-	-
01-313-6210 OPERATING SUPPLIES	33,837	34,900	23,413	24,900	28,002	23,638
01-313-6220 TOOL/SMALL EQUIPMENT	122	900	243	243	353	257
01-313-6400 EQUIPMENT RENTAL	-	2,900	1,114	-	1,114	114
01-313-6400 EQUIPMENT USE CHARGES	50,234	55,900	3,132	30,043	26,145	35,206
01-313-6301 MISCELLANEOUS	155	-	-	-	-	-
SUBTOTAL	176,499	135,350	100,947	89,754	91,277	130,268

ALLEY MAINTENANCE

01-313-6001 SALARIES AND WAGES	2,952	1,616	2,214	1,563	1,648	1,674
01-313-6002 OVERTIME WAGES	-	445	206	-	359	359
01-313-6003 ACCRUED EMPLOYEE BENEFITS	345	1,214	1,794	954	892	644
01-313-6170 OPERATING SUPPLIES	1,000	1,000	1,000	1,000	1,000	1,000
01-313-6400 EQUIPMENT RENTAL	-	-	-	-	-	-
01-313-6400 EQUIPMENT USE CHARGES	2,673	2,559	2,300	2,500	2,500	2,272
SUBTOTAL	5,969	6,834	8,008	5,500	6,409	5,276

SEWERAGE & PARKING LOT MAINTENANCE

01-314-6001 SALARIES & WAGES	7,112	7,151	1,665	1,642	1,664	817
01-314-6002 OVERTIME WAGES	-	-	-	-	-	-
01-314-6003 ACCRUED EMPLOYEE BENEFITS	5,135	3,377	1,884	1,125	262	312
01-314-6110 PRINTING, REPR. PUBLICATION	4	293	261	336	-	-
01-314-6140 PROF. SERVL. AGTCH. ENG. SERV.	-	1,500	2,000	-	-	300
01-314-6160 CONTRACT LABOR	-	1,000	7,200	-	7,200	1,156

City of Centralia 2020 Annual Report

PUBLIC WORKS - HIGHWAYS AND STREETS

ACCOUNT NUMBER	ACCOUNT TITLE	CURRENT YEAR	FY2019-20 BUDGET	FY2019-20 ADJUSTED	CALAPUAS 2018	FY2018-19 BUDGET	FY2018-19 ADJUSTED
01-314-6000	REPAIR SERVICE		300			190	
01-314-6010	MAINTENANCE AGREEMENTS & LEASES		250			190	190
01-314-6020	INSURANCE					1,150	
01-314-6200	OFFICE SUPPLIES		300			100	
01-314-6210	OPERATING SUPPLIES	7,360	8,900		6,531	7,500	8,116
01-314-6220	TOOLS/SMALL EQUIPMENT		900			300	
01-314-6400	RENTAL	26					
01-314-6400	EQUIPMENT USE CHARGES	2,917	1,500		1,162	900	1,900
01-314-6710	STREET SIDEWALK CONSTRUCTION						
	SUBTOTAL		\$ 13,228	\$ 14,111	\$ 13,623	\$ 22,140	\$ 9,442
							\$ 4,555
							\$ 31,776
							\$ 7,289
STREET BUILDINGS & GROUNDS							
01-315-6001	SALARIES AND WAGES						
01-315-6002	OVERTIME WAGES	906	2,196		2,376	2,636	2,722
01-315-6003	ACCUMULATED EMPLOYEE BENEFITS	623	1,293		1,503	1,806	1,806
01-315-6010	UTILITIES-NATURAL GAS, AIR	1,263	1,200		1,400	1,400	1,400
01-315-6013	UTILITIES-TELEPHONE, FIBER	2,084	1,200		2,000	1,400	1,400
01-315-6100	CONTRACT LABOR	1,572	1,750		1,411	1,000	1,000
01-315-6100	REPAIR SERVICES	168	200		165	165	165
01-315-6120	MAINT. AGREEMENTS & LEASES	112	175		126	147	147
01-315-6180	INSURANCE	1,203	1,300		1,118	1,100	1,100
01-315-6201	OFFICE SUPPLIES/ACCOUN		300		50	50	50
01-315-6210	OPERATING SUPPLIES	427	2,600		2,754	2,996	2,996
01-315-6220	TOOLS/SMALL EQUIPMENT	1,183	900		400	900	900
01-315-6400	EQUIPMENT USE CHARGES		900			300	300
01-315-6510	BUILDING IMPROVEMENTS						
	SUBTOTAL	\$ 18,416	\$ 18,947	\$ 13,623	\$ 13,473	\$ 13,473	\$ 13,473
							\$ 11,291
PAVING & RT REMOVAL							
01-316-6001	SALARIES AND WAGES						
01-316-6002	OVERTIME WAGES	2,156	8,400		4,936	5,564	5,564
01-316-6010	ACCUMULATED EMPLOYEE BENEFITS	3,190	6,400		4,778	4,778	4,778
01-316-6100	REPAIR SERVICE	3,110	8,400		4,262	4,616	4,616
01-316-6210	OPERATING SUPPLIES	34,510	13,000		14,875	16,296	16,296
01-316-6400	EQUIPMENT USE CHARGES	45,800	17,000		18,334	18,198	18,198
	SUBTOTAL	\$ 76,216	\$ 68,644	\$ 52,936	\$ 50,292	\$ 50,292	\$ 50,292
							\$ 26,675
							\$ 40,757
STREET & SIGN MAINTENANCE							
01-317-6001	SALARIES AND WAGES						
01-317-6002	OVERTIME WAGES	113	5,385		6,088	5,400	5,400
01-317-6010	ACCUMULATED EMPLOYEE BENEFITS	113	3,690		4,265	3,290	3,290
01-317-6100	CONTRACT LABOR	2,500	150		150	150	150
01-317-6200	REPAIR SERVICE						
01-317-6210	OPERATING SUPPLIES	2,500	4,000		5,013	3,738	3,738
01-317-6220	TOOLS/SMALL EQUIPMENT						
01-317-6400	EQUIPMENT USE CHARGES	1,300	500		500	500	500
	SUBTOTAL	\$ 17,121	\$ 18,714	\$ 17,483	\$ 17,483	\$ 17,483	\$ 17,483
							\$ 11,890
							\$ 11,598
STORM DRAINAGE							
01-318-6001	SALARIES AND WAGES						
01-318-6002	OVERTIME WAGES	14,788	31,114		30,100	24,822	24,822
01-318-6010	ACCUMULATED EMPLOYEE BENEFITS	316	450		366	316	316
01-318-6010	ACCUMULATED EMPLOYEE BENEFITS	25,800	21,964		18,126	18,496	18,496
01-318-6100	CONTRACT LABOR		2,500		5,000	5,000	5,000
01-318-6110	CONTRACT LABOR	300	1,000		1,000	1,000	1,000
	SUBTOTAL	\$ 41,204	\$ 55,528	\$ 44,226	\$ 44,226	\$ 44,226	\$ 44,226
							\$ 10,644
							\$ 10,644

City of Centralia 2020 Annual Report

PUBLIC WORKS - HIGHWAYS AND STREETS

ACCOUNT NUMBER/ACCOUNT TITLE	CALFED 2021	FY2020-21 BUDGET	CALFED FY20	FY2020-21 BUDGET	FY2020-21 BUDGET	FY2020-21 BUDGET	CUMULATIVE YTD	FY2020-21 BUDGET	FY2020-21 BUDGET
00-318-6370 MAINT AGREEMENTS & LEASES	-	-	-	-	-	-	-	-	-
00-318-6310 OPERATING SUPPLIES	7,000	17,000	21,310	15,000	15,000	11,750	30,075	20,000	10,105
00-318-6320 TOOLS/SMALL EQUIPMENT	-	300	33	100	100	35	-	100	-
00-318-6400 REPAIR	-	3,000	-	3,000	3,000	-	-	4,000	-
00-318-6400 EQUIPMENT USE CHARGES	11,225	3,750	5,800	3,000	3,000	3,407	2,216	6,000	2,823
00-318-6500 MISCELLANEOUS CAPITAL	-	150,000	-	11,000	11,000	-	-	8,000	-
00-318-6501 MISCELLANEOUS	-	-	-	-	-	-	-	-	-
SUBTOTAL	\$ 18,225	\$ 173,050	\$ 27,143	\$ 19,000	\$ 19,000	\$ 14,152	\$ 32,291	\$ 34,000	\$ 44,908
BRUSH & TREE CONTROL									
00-318-6201 SALARIES AND WAGES	4,935	5,700	5,000	4,400	4,400	6,000	4,335	4,400	4,915
00-318-6202 OPERATING WAGES	0	100	0	0	0	0	0	2,000	400
00-318-6203 ACCOUNTS EMPLOYEE BENEFIT	2,800	4,300	3,000	4,250	4,250	4,300	3,811	3,850	3,075
00-318-6204 REPAIR SERVICE	-	0	-	0	0	-	-	0	-
00-318-6205 MAINT AGREEMENTS & LEASES	-	-	-	-	-	-	-	-	-
00-318-6206 OPERATING SUPPLIES	54	500	200	200	200	35	91	800	75
00-318-6208 EQUIPMENT USE CHARGE	1,100	1,000	800	800	800	915	821	1,300	534
SUBTOTAL	\$ 8,889	\$ 11,500	\$ 9,000	\$ 10,650	\$ 10,650	\$ 10,650	\$ 8,927	\$ 11,300	\$ 5,499
TOTAL	\$ 405,708	\$ 394,550	\$ 402,893	\$ 310,650	\$ 310,650	\$ 248,102	\$ 41,218	\$ 45,300	\$ 50,407
CAPITAL SUMMARY									
00-300-0000 CAPITAL EXPENDITURES	30,135	295,850	515,795	283,547	283,546	350,945	210,752	283,000	300,153
TOTAL ALL EXPENDITURES	\$ 206,834.59	\$ 395,400.00	\$ 812,790.34	\$ 1,178,894.00	\$ 1,178,894.00	\$ 1,178,894.00	\$ 1,178,894.42	\$ 1,178,894.42	\$ 504,534.10
REVENUES									
24-001-4000 TRANSPORTATION SALES TAX	218,000	218,000	201,528	210,000	210,000	185,440	205,438	210,000	212,850
24-003-4300 CTRG GRANT REVENUE	-	-	-	-	-	-	-	-	-
24-003-4300 CTRG GRANT REVENUE	73,850	73,850	71,500	71,000	71,000	73,563	73,604	73,000	73,978
24-003-4304 CTRG GRANT II BRIDGE	17,938	17,938	69,634	41,000	41,000	64,534	65,331	63,000	66,131
TOTAL ALL REVENUES	\$ 310,888.75	\$ 310,888.75	\$ 342,662.55	\$ 322,000.00	\$ 322,000.00	\$ 323,537.00	\$ 344,373.00	\$ 346,000.00	\$ 352,959.00

Centralia Special Road District

2020 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:
2020

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 10% 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 \$42,269.77 of rock on un-paved roads.
2. Replaced \$962.97 of culverts.
3. Spent \$203.75 on pavement maintenance.

Centralia Special Road District

2020 Annual Report

ROAD & BRIDGE ANNUAL SUMMARY REPORT

Page 2

TOTAL 48,436.49

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	01/01/2021 Date
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Treasurer Title

Anthony Kendrick Printed Name	573-881-2169 Day Time Phone number
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City of Columbia 2020 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: FY20

Narrative for use of funds received The City of Columbia will be using the funds for construction of Nifong: Providence to Forum 4-lane widening, and Discovery Parkway: Gans to New Haven and maintenance of Walnut: College Ave to Old 63.

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

The City of Columbia maintains 1,418.5 lane miles of streets and 44 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 44 bridges and structures are inspected by MoDOT and City staff every 2 years. Of the 44 structures, 28 were rated as Not Deficient, 2 were functionally deficient and 4 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.

Nifong: Providence to Forum: Widen Nifong between Providence and Willowcreek. Widen Forum between Green Meadows to Nifong. Widening will include additional driving lanes, turn lanes, bike lanes and sidewalk. Project also includes intersection improvements and access management.

MM-Walnut: College to Old : Reconstruction of Walnut from College to Old 63.

ROAD & BRIDGE ANNUAL SUMMARY REPORT

Page 2

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TOTAL

\$2,948,754.00

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 *Jason J. Ehlman*

12/21/2020
Date

Financial Analyst

Title

Dawn Ettleman

573-441-6610

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 Columbia 2020 Annual Report

City of Columbia
County Road Tax Rebate -00503
Cash Balances

	<u>30-Sep 2020</u>
Cash Balance Forward	2,948,754.31
Receipts:	
County Road Tax Rebate from Boone County	2,333,362.76
Investment Income	<u>-</u>
Total Receipts	<u>5,282,117.07</u>
Disbursements:	
Transfer to Fund 440 (Capital Projects):	
C00128 Maguire Blvd	
C00241 Mexico Gravel Rd	
C00149 Scott Blvd	
C00320 Rolling Hills Road	
C00319 Scott - Vawter to MKT PH II	
C00274 Scott-Vawter to KK III	
C00618 Fairview/Chapel Hill Int	
00631 Old Mill Ck/Vawater Int Im	
00633 Disc Pkwy Gans-New Haven	(1,476,554.00)
C00634 Forum & Green Meadows Int	
C00643 Nifong-Prov to Forum 4 Ln	(1,422,200.00)
C00644 Sinclair-Old Mill Ck-Nifg	
C00645 Vandiver & Parker RoundAB	
00747 MM-Walnut from College to Old 63	(50,000.00)
Transfer to Fund 110 (General Fund)	<u>-</u>
Total Disbursements	<u>(2,948,754.00)</u>
Cash Balance @ Year End	<u><u>2,333,363.07</u></u>

City of Hallsville 2020 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 Hallsville

Reporting on Calendar Year:
July 1, 2019 - June 30, 2020

Narrative for use of funds received

The Road and Bridge Grant funding was used for pot hole repair and sidewalk repair. The City again did a request for bids for concrete repair on one street in Meadows Ledge. The lowest bid was over \$30,000.00 and the Road Grant Fund only had \$42,531.53. Funds will be held back until work can be completed on more roads within that subdivision.

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 in Meadows Ledge are in worse condition. Funds are not available for repairs comparing the RFQ's received back in November of 2019 and June of 2020. Future grants will be held back until work on those streets can be completed.

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

Carry over from fiscal year 2018/2019 was \$4,972.16 with an additional \$43,786.67 grant funding received in 2019 that goes out to the sewer lagoon. \$1,872.44 on a concrete pad for a sand/salt shed for winter road maintenance. \$1,357.50 for sidewalk repair on E Highway 00, Route B, and North Street. This left the Road & Bridge Grant at an ending balance of \$42,531.53.

ROAD & BRIDGE ANNUAL SUMMARY REPORT

Page 2

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TOTAL	\$6,029.30
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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 Hemanta Kumar Z. Duple

11/13/2020

Date _____

City Administrator

Title

Kenyetta Ridgway-Sample

Printed Name _____

573-696-3885

Day Time Phone number

Town of Harrisburg 2020 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:

Town of Harrisburg

Reporting on Calendar Year:

2019

Narrative for use of funds received

2013 through 2019 Street Project Funds are retained in a separate account to accumulate for a larger project

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

Repairs to roads were made in 2019. Waiting for completion of Timberline

Subdivision to begin project to pave Hughes Road.

Planning on road repairs in 2021

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

Accumulating funds in a separate ledger account. Awarded funds are listed below:

2013: \$12,839.36

2014: \$13,912.06 } Spent \$38,469.99 in 2019

2015: \$13,107.22

2016: \$12,386.93

2017: \$13,455.21

2018: \$10,792.55

2019: \$12,990.41

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2013, 2014, and \$1776.07 of 2015 funds were used to repair DC Lane + Craigview Streets. \$9,932.50 was used for Street entrance repair + maintenance.

The balance of funds are being accumulated for upcoming projects.

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.

Kathy Wilhite
Signature

Jan. 6, 2021
Date

Clerk
Title

Kathy Wilhite
Printed Name

573-274-0138
Day Time Phone number

Village of Hartsburg 2020 Annual Report

Report Not Yet Received

City of Huntsdale 2020 Annual Report

Report Not Yet Received

City of McBaine 2020 Annual Report

ROAD & BRIDGE ANNUAL SUMMARY REPORT

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Reporting Entity:

CITY OF McBAINE, MO.

Reporting on Calendar Year:

2020

Narrative for use of funds received

no funds were used, due to the streets being in good condition.

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

Still in good condition.

Allocation and Expenditure of Funds Received listed by project, with a projection 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

no projects are in the

future plans at this time

ROAD & BRIDGE ANNUAL SUMMARY REPORT

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TOTAL

none

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

Marvin E. Saff

Date 1-11-2021

Title

Title Chairman - Bd. of Trustees

Printed Name

Day Time Phone number

573/446-4573

Village of Pierpont 2020 Annual Report

ROAD & BRIDGE ANNUAL SUMMARY REPORT

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Reporting Entity: Village of Pierpont

Reporting on Calendar Year: 2020

Narrative for use of funds received Fill potholes

Narrative on overall condition of roads and bridges within reporting municipality:
Needs Resurfacing (To be done in Spring)

Allocation and Expenditure of Funds Received listed by project, with a projection 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 _____

Village of Pierpont 2020 Annual Report

ROAD & BRIDGE ANNUAL SUMMARY REPORT

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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

11/12/20
Date

Title Chairman of Bored Village of Pior Post

Ronald L. Skiles
Printed Name

523-449-7809

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 2020 Annual Report

Report Not Yet Received

City of Sturgeon 2020 Annual Report

Report Not Yet Received

Meet the Staff



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



Meet the Staff



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



Meet the Staff



From the left: Kelle Westcott, Budget Administrator; Matt Thomas, Surveyor; Natalie Meighan, Right-of-Way Agent; and Aaron Garringer, Asset Management Technician



Meet the Staff



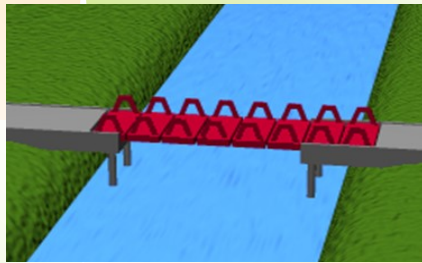
From the left: Darin Sapp, Road Inspector; Keith Austin Chief Road Inspector; Christina Crane, Administrative Coordinator; and Mark Donoho, Road Inspector



Department Information

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.



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

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>

www.facebook.com/pages/Boone-County-Missouri-Public-Works



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