



City of Conway Transportation Department

ANNUAL REPORT

FY 2020

Published 1/12/2021, Items marked with an asterisk will be updated in February, after all 2020 expenses and revenues have been processed by the finance department.

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GENERAL DESCRIPTION

General Description

MISSION STATEMENT

To provide professional, courteous services to the citizens of Conway, and bring value, efficiency, and quality to municipal operations through precision, discernment, and dedication.

VISION STATEMENT

To provide the safest, most efficient transportation and storm water infrastructure systems in the state to every resident and visitor of Conway.

PRIMARY FUNCTIONS

The City of Conway Transportation Department is solely responsible for maintaining the city's approximately 365 miles of local roadways and approximately 60 traffic signals. In addition, the department provides engineering and construction inspection services for the City of Conway.

STAFF

47 positions (forty-five full-time, two part-time) were authorized for the Transportation Department by the City Council for the subject year. An organizational chart is provided on the following page. These positions were categorized into the following sections:

DEPARTMENTAL DIVISIONS

DIVISION	# OF EMPLOYEES
Administration	3
Engineering	4
Traffic	5
Construction	16
Maintenance	19

It should be noted that due to funding constraints, turnover rate, the COVID-19 hiring freeze, etc. not all these positions were filled during the entire year. In addition to the positions noted above, one contract employee provided construction inspection services.

GENERAL DESCRIPTION



GENERAL DESCRIPTION

HIGHWAY TURNBACK FUNDS REPORTING

All information necessary to satisfy the City of Conway's annual reporting requirements to the Secretary of the Department of Finance and Administration in accordance with A.C.A. 26-64-104 is contained within this document and highlighted in yellow; specifically,

- "Amount of revenues received under this chapter (A.C.A. 19-5-601).
- Expenditures made from the revenues received under this chapter (A.C.A. 19-5-601); and
- Projects funded using revenues received under this chapter. (A.C.A. 19-5-601)"

STREET FUND

Street Fund

REVENUE

Below is a summary of revenue for the subject fiscal year as of the date of publication of this report. For more information, please contact the Finance Department.

REVENUE		
SOURCE	BUDGETED	ACTUAL
Ad Valorem Tax	\$1,400,000.00	\$1,357,869.37
Sales Tax	\$280,000.00	\$301,585.07
State Tax Turnback – Gasoline	\$2,700,000.00	\$2,352,469.56
State Tax Turnback – Sales	\$1,400,000.00	\$1,317,845.08
State Tax Turnback – Wholesale	\$0.00	\$333,021.51
Severance Tax	\$140,000.00	\$33,518.76
Payments in Lieu of Tax	\$6,000.00	\$0.00
Licenses and Permits	\$0.00	\$0.00
Sign Permits	\$0.00	\$480.00
Engineering Fees	\$10,000.00	\$18,200.00
Interest Income	\$120,000.00	\$7,232.15
State Grant Revenues	\$0.00	\$0.00
Transfers from other funds	\$0.00	\$0.00
Insurance Proceeds	\$1,440.00	\$1,440.00
Fund Balance Appropriation	\$18,650.00	\$0.00
Federal Grant Revenues	\$0.00	\$0.00
Proceeds from Sale of Assets	\$0.00	\$0.00
Miscellaneous Revenues	\$8,280.50	\$8,540.50
TOTAL	\$6,091,370.50	\$5,797,291.35

The underlined funding sources shown above indicate state funds. The percentage of the Street Fund that was comprised of state funds for the subject fiscal year (as of the date of publication) was 70.01% of budgeted revenue and 0%* of actual revenue.

STREET FUND

EXPENSES

The summary below reflects all expenditures processed for the subject fiscal year as of the date of publication of this report. The categories listed are those requested by the Arkansas State Bureau of Legislative Research.

EXPENDITURES (STATE CATEGORIES)

CATEGORY	BUDGETED	ACTUAL
Bicycle Paths	\$1,940,237.00	\$0.00*
Bridges	\$0.00	\$0.00*
Drainage Maintenance	\$0.00	\$0.00*
Highways	\$0.00	\$0.00*
Hot Mix, Asphalt, Gravel, Concrete, Paint, Steel	\$1,369,011.58	\$0.00*
Intelligent Transp. Systems	\$0.00	\$0.00*
Intermodal Facilities	\$0.00	\$0.00*
Other Surface/Water Transp.	\$0.00	\$0.00*
Parking Facilities	\$0.00	\$0.00*
Pedestrian Ways	\$0.00	\$0.00*
Port Authorities	\$0.00	\$0.00*
Public Transit Systems	\$202,000.00	\$0.00*
Railroads	\$0.00	\$0.00*
Roads/Streets	\$4,826,654.38	\$0.00*
Safety Improvements	\$47,500.00	\$0.00*
Sidewalks	\$50,000.00	\$0.00*
Lighting/Right of Way Maint.	\$175,000.00	\$0.00*
Toll Facilities	\$0.00	\$0.00*
Traffic Mgmt. Systems	\$0.00	\$0.00*
Traffic Signal Systems	\$209,720.50	\$0.00*
Trails	\$103,574.16	\$0.00*
Traveler Information Systems	\$0.00	\$0.00*
Tunnels	\$0.00	\$0.00*
TOTAL	\$0.00	\$0.00*

MAJOR PROJECT FUNDING

Major Project Funding

STREET SALES AND USE TAX

The summary below reflects total revenue, expenditures, and budget of the Street Sales and Use tax for the subject fiscal year as of the publication date of this report.

SUMMARY

REVENUE	EXPENDITURES	BUDGET
\$6,185,696.37	\$453,999.10*	\$5,825,000.00

Most of the expenditures from the subject fiscal year funded the Tyler Street Bridge replacement and Donaghey Avenue improvement project. Remaining revenue will be carried forward to fund the continuation of the Donaghey Avenue improvements, as well as upcoming projects such as the Salem Road Bridge replacement, Harkrider Street improvements, and Dave Ward Drive improvements.

PAY AS YOU GO SALES TAX

The summary below reflects all revenues and expenditures processed during the subject fiscal year as of the date of publication of this report.

SUMMARY

REVENUE	EXPENDITURES	BUDGET
\$5,990,461.13	\$2,369,629.87*	\$4,677,285.00

During the subject fiscal year, the Pay-As-You-Go sales tax primarily funded the Sugar Creek Disaster Mitigation, Markham Street Jump Start Improvements, Markham Town Square, Oak Street Adaptive Signal Control System, as well as various other maintenance projects, well as loan payments. For a detailed accounting of the Pay-As-You-Go account, please contact the Finance Department.

IMPACT FEE

The summary below reflects total revenues, expenditures, and balance of the Impact Fee account for the subject fiscal year as of the publication date of this report.

SUMMARY

REVENUE	EXPENDITURES	BUDGET
\$655,714.14	\$655,714.14*	\$1,155,000.00

MAJOR PROJECT FUNDING

Most expenditures during the subject fiscal year were related to the construction of the Salem and Irby roundabout as well as the Dave Ward adaptive signal system. The Tyler & Salem roundabout construction will commence as soon as the balance is sufficient to cover the cost of the improvements. For more information, please contact the Finance Department.

STORMWATER FUND

The summary below reflects the revenue, expenditures, and balance of the stormwater fund as of the date of publication of this report.

SUMMARY		
REVENUE	EXPENDITURES	BALANCE
\$3,331.20	\$0.00	\$72,943.94

The Stormwater fund, also known as the in-lieu detention fund, does not generally generate enough revenue for large projects. It was last used in 2016 to hire a consultant to research and write the necessary language for a stormwater utility.

SIDEWALK FUND

The summary below reflects the revenue, and expenditures, and balance of the in-lieu sidewalk fund as of the date of publication of this report.

SUMMARY		
REVENUE	EXPENDITURES	BALANCE
\$42,662.03	\$32,720.71	\$151,192.35

The sidewalk fund was last used to aid in the construction of the Tyler Street sidewalk from Gatlin park to Washington Avenue.

CONSTRUCTION PROJECTS

Construction Projects

STREET CREW PROJECTS

- **Stanley Russ Road Improvements** – *Donaghey to Bill Bell* – Phase two, East of Wasson Road, was completed last year. The total materials cost was \$511,236.58, provided by the Street Fund.
- **Hillman Street Reconstruction** – *Donaghey to Davis* – Construction began late 2020 and should be completed 2021 at a cost TBD*. Funding is provided by the Street Fund.
- **Van Ronkle Street Improvement** – *Markham to Harrison* – The second and final phase, which included the acquisition of an adjacent building and the reconstruction of the box culvert underneath it, was completed last year. Total materials cost for the project was \$120,700.26 Funding was provided by the Pay as you go sales tax.
- **Vail Avenue and Cimarron Drive** – *Blaney Hill to Muskogee* – The asphalt pavement was removed and the base course was rebuilt in failed areas in preparation for new pavement, which was donated by the Faulkner County Road Department.
- **Ed Speaker Road** – *Hilton to End* – This gravel road was paved last year at a materials cost of \$50,632.57. Funding provided by the Street Fund.

PRIVATE CONTRACTOR PROJECTS

- **Dave Ward Drive Adaptive Signal Control System** – *Hogan to I-40* – Temple Incorporated completed this project last year at a cost of \$270,385.50* in Impact Fee Funding.
- **Tyler Street Improvements** – *Sena to Washington* – Rogers Group finally completed the sidewalks associated with this project last year, which had been delayed by right-of-way acquisition, at a cost of \$25,732.11 in Impact Fee funding.
- **Tyler Street Bridge Replacement** – *Tucker Creek* – The replacement of this bridge was completed in 2020 by Township Builders, Inc. using \$488,495.71 of Street Sales & Use Tax funding.
- **Salem & Irby – Roundabout** – JCI Construction Inc. completed construction in 2020 at a cost of \$543,549.59. Funding was provided by a combination of pay as you go and impact fee. A percentage of this funding was reimbursed by the acquired Hazard Mitigation Grant*.
- **Markham Street Improvements** – *Spruce to Van Ronkle* – Fureigh Heavy Construction is expected to complete this project early next year. \$1,290,150.00* was paid for work performed on this project last year. This sum does not include grant reimbursements*.
- **Sugar Creek Flood Mitigation** – *Stone Dam Creek Outfall* – Sowards Contracting Services removed the remaining homes associated with this project last year at a cost of \$37,200.00. Additionally, \$450.00 was paid to Snyder Environmental for an asbestos inspection. A total of \$231,208.40 was paid to homeowners and tenants last year. Funding was provided by the pay as you go sales tax. A percentage of the cost was reimbursed via a hazard mitigation grant*.

CONSTRUCTION PROJECTS

- **Donaghey Avenue Improvements** – *Prince to Dave Ward* – Phase 1, Dave Ward to College, was let to Weaver Bailey Contractors last year. A total of 1,386,829.25* was billed by the contractor in 2020. Funding was provided via the Street Sales and Use Tax.
- **College Avenue Sidewalks Installation** – *1 Riviera Dr* – JCI Construction, Inc. provided labor at a cost of \$5,650, and Mallard Ready Mix provided the materials at a cost of \$1,502.66. The pay as you go sales tax funded the project.
- **Hogan & Prince Signal Rewire** – *Intersection* – Desoto County Electric completed this project in 2020 last year using \$18,700 from the Street Fund.

MAINTENANCE ACTIVITIES

Maintenance Activities

ROADWAY MAINTENANCE

In an effort to complete all the improvement projects assigned to Street Department work crews by the City Council for the subject fiscal year, very few personnel and equipment were available for routine street maintenance. Only asphalt patching, mowing of street right of way and sweeping activities were performed on a daily basis. All other equipment and personnel were engaged full time on the designated street reconstruction projects listed in the previous section of this report.

Operating with a lean staff often creates situations wherein repair and maintenance needs cannot be addressed immediately. Typically, work requests are handled on a first come, first serve basis. However, some requests take priority over others due to severity. The duties and responsibilities of this department could easily justify several additional positions and additional equipment. However, it has been our practice to keep staffing levels to a minimum and reserve the maximum possible funding to address street reconstruction and street paving. Presently we have only the basic staff to address each of the key components of our responsibility, as listed in the remainder of this section.

ASPHALT OVERLAYS

Asphalt overlay is an effective method of prolonging the life of a roadway. The preparation of streets for asphalt paving required milling of the existing pavement prior to the placement of new pavement. An annual asphalt milling and paving contract was secured last year with Rogers Group, and the work was supervised by the Transportation Department. In addition, a \$39,999.96 contract was secured with Datastream, LLC. To update the Pavement Management Survey for 2020.

As a result of the COVID-19 virus, the 2020 asphalt overlay program was scaled back to prepare for possible budget shortfalls. However, funding was sufficient to proceed with the paving of two major roads. The first, **Davis Street** from *Hairston to Robins*, was a grant project completed in 2020 by ARDOT. The city of Conway provided a \$92,983.19 match for this project. The second project, **6th Street** from *Ingram to 1st*, was completed by Rogers Group last year at a cost of \$0.00. Additionally, Rogers Group completed various other overlay projects throughout the City at a cost of \$75,723.59.

ASPHALT REPAIR

A three-man asphalt patching crew worked full time, removing and replacing pavement failures, filling pot holes, and assisting the Conway Corporation with street cut repairs. In addition, a \$19,500.00 contract was secured last year with Velocity Roads for large scale pavement repairs.

RIGHT OF WAY MAINTENANCE

Street department personnel address maintenance issues within the street right of way on an as-needed basis as time allows. Common maintenance issues include tree trimming, repair of broken curbs and inlets, debris removal, and minor drainage issues.

MAINTENANCE ACTIVITIES

Trees are trimmed by department personnel to ensure proper lines of sight with signs and other vehicles if possible. If a dead tree within the street right of way poses a safety risk, a contract is secured with a tree cutting service for removal.

SIDEWALK MAINTENANCE

Beginning in 2019 the Transportation department began devoting significant attention to the repair of the sidewalks in the Old Conway area. Labor was provided by JCI Construction, Inc., and Precision Safe Sidewalks Inc. Materials were provided by Mallard Ready Mix, SRM Concrete LLC, and Culverts Plus Inc. Sidewalks in the following locations were repaired or replaced in 2020.

- **Davis Street – Hairston to Dave Ward – \$111,080.24 –**
<https://conwayarkansas.gov/transportation/projects/#project-19-124>
- **Robinson Avenue – Donaghey to Locust – \$88,078.16 –**
<https://conwayarkansas.gov/transportation/projects/#project-20-115>
- **Bruce Street – Donaghey to Locust – \$21,879.97**

EMERGENCY RESPONSE

Utilizing three snow plows, two sand spreaders, and a motorgrader, the street department personnel responded to emergency call out duties when a winter weather event created hazardous driving conditions on City Streets. The snow plows were utilized to remove the snow and slush from arterials and collectors to speed the clearing of the material from the roadway. The spreaders distributed sand and salt on steep hills and major intersections to enhance traction and speed melting.

Street department personnel also respond when severe weather causes tree limbs or other debris to fall in the roadway. Generally, the debris is cut into manageable pieces using chainsaws, stacked on the side of the road, and retrieved the following day.

TRAFFIC SIGNS AND PAVEMENT MARKINGS

The traffic division utilized sign making equipment to make and install street marker signs in new subdivisions and as well as replacement warning and regulatory signs as they are stolen, faded, or destroyed. **A contract was secured with Arkansas Fence and Guardrail to refresh all ward 4 pavement markings in 2020. Unfortunately, the contractor was unable to complete the work, and no invoices were received in 2020*.** Pavement markings in other wards were placed or repainted as necessary by the traffic and pavement marking crew.

MOWING STREET RIGHT OF WAY

While much of the street right of way within the city is maintained by adjacent landowners, there are still many miles of undeveloped land in town that must be mowed by the city in order to prevent accumulation and maintain adequate lines of sight. The majority of mowing performed by the street

MAINTENANCE ACTIVITIES

department is on open ditch roadways in rural or undeveloped areas. Two men operating bush hogs dedicated themselves full time to mowing these areas.

A contract as secured with Olive Branch Landscape Management to maintain roundabout central islands, roadway medians, and sidewalk buffers at a cost of \$0.00*. An ordinance requiring adjacent property owners to maintain ROW adjacent to their property would remove the need to mow sidewalk buffers and decrease this cost significantly.

STREET SWEEPING

For most of the year two street sweepers were operating full time. One sweeper was primarily dedicated to keeping bike lanes free of debris, while the other one focused on the rest of the city. Sweepers were run overtime from September until December to aid in the removal of accumulated leaves and grass from roadway gutters.

The department maintains two different types of street sweepers, a mechanical broom model, and a regenerative air model. The first excels at removing large debris, while the second cleans smaller and lighter debris with less mess. Ideally, these two sweepers would operate in tandem. However, they normally operate independently due to the size of our city. Increasing the department's fleet of sweepers would significantly increase the rate and efficiency of cleaning.

DRAINAGE MAINTENANCE

Cleaning and repairing drainage ditches is essential to preventing blockages and upstream flooding problems. The most common request received from Conway's residents is for additional drainage maintenance. Unfortunately, there are several factors that prevent the department from adequately responding to these requests. First, personnel were only intermittently available for this type of maintenance when weather or other factors prevented them from working on construction projects. Additionally, much of this work is along narrow concrete or earthen channels between back yards, which significantly slows progress. Furthermore, many of the drainage ditches that require the most maintenance reside in drainage easements that are not part of the road right of way. As a result, maintenance of these easements is not a legitimate street fund expense according to state law. An alternate funding source, such as a drainage utility, is desperately needed to provide the necessary personnel and equipment necessary to adequately maintain the city's drainage easements.

Beginning in 2018, mulching of vegetation along major streams and waterways within the city began to decrease the potential for flooding. After an area is mulched by the Transportation Department crews the vegetation is kept at bay by means of chemical weed control. For the subject fiscal year, Arkansas Weed & Brush was contracted to provide this service at a cost of \$0.00*.

ENGINEERING SERVICES

Engineering Services

DESIGN, CONSTRUCTION ENGINEERING, UTILITY COORDINATION, ROW ACQUISITION, ETC.

Design, project management, construction engineering, right-of-way acquisition, utility coordination and quality control were provided for all projects constructed by Transportation Department work crews. For transportation and drainage projects let to private contractors, project management, contract administration, utility coordination, right-of-way acquisition, and review of project quantities and pay estimates were generally provided. Additionally, civil design, including plans, specifications, and bid documents as well as construction engineering, were generally provided for all projects except those that included federal funding.

Approximately 25 miles of state highways are located within Conway's city limits. As a result, coordination with the Arkansas Highway and Transportation Department is necessary regarding any updates to the state highway system. In addition, the City Engineer represents the city on Metroplan's Technical Coordinating Committee. Coordination with Metroplan, Central Arkansas' metropolitan planning organization, is essential regarding any projects receiving federal funds. Utility coordination with the Conway Corporation as well as other utility companies is also required on many projects to ensure that conflicts are avoided wherever possible. Lastly, coordination with property owners is often required when acquiring right-of way for improvements.

Engineering services as described were provided for the projects listed below during the subject fiscal year:

- **Harkrider & Robins – Intersection Improvement** – ARDOT signal improvement partnering project – <https://conwayarkansas.gov/transportation/projects/#project-10-112>
- **Markham Street Improvements – Spruce to Van Ronkle** – Phase 1 of a Metroplan grant scheduled to be completed in 2021 – <https://conwayarkansas.gov/transportation/projects/#project-13-114>
- **Dave Ward Drive Adaptive Signal Control System – Hogan to I-40** – Metroplan grant – <https://conwayarkansas.gov/transportation/projects/#project-13-116>
- **Markham Town Square – Old Scrapyard** – Arkansas Natural Resources Commission grant scheduled to let in 2021 – <https://conwayarkansas.gov/transportation/projects/#project-15-117>
- **Stone Dam Creek Trail, Phase 1 – Mimosa to Donaghey** – Funding provided by a \$178,000 2018 ARDOT RTP grant as well as parks impact fee. Scheduled to let 2021 – <https://conwayarkansas.gov/transportation/projects/#project-17-110>
- **Oak Street Adaptive Signal Control System – Harkrider to E. German** – Metroplan grant – <https://conwayarkansas.gov/transportation/projects/#project-17-118>
- **Ed Speaker Roadway Improvement – Hilton to End** – Local roadway improvement – <https://conwayarkansas.gov/transportation/projects/#project-17-114>
- **Hogan & Hwy 64 – Intersection Improvement** – ARDOT partnering project – <https://conwayarkansas.gov/transportation/projects/#project-17-115>

ENGINEERING SERVICES

- **Highway 65B Traffic Study** – *Harkrider to I-40* – ARDOT partnering project – <https://conwayarkansas.gov/transportation/projects/#project-18-104>
- **Highway 64/65 Connector Study** – *County* – ARDOT partnering project – <https://conwayarkansas.gov/transportation/projects/#project-18-105>
- **Donaghey Avenue Improvements** – *Prince to Dave Ward* – Construction of phase 1, Dave Ward to College, began in 2020. Phase 2 construction is scheduled to begin 2021 – <https://conwayarkansas.gov/transportation/projects/#project-18-110>
- **Stanley Russ Road Improvements** – *Donaghey to Bill Bell* – Completed 2020 – <https://conwayarkansas.gov/transportation/projects/#project-18-112>
- **Sugar Creek Flood Mitigation** – *S. Donaghey* – Property acquisition hazard mitigation grant – <https://conwayarkansas.gov/transportation/projects/#project-18-117>
- **Salem Road Bridge** – *Tucker Creek* – A \$3,000,000 Metroplan grant was awarded in late 2020, construction scheduled to begin by early 2022 – <https://conwayarkansas.gov/transportation/projects/#project-18-120>
- **Tyler Street Improvements** – *Sena to Washington* – Designed in 2019 and completed 2020 – <https://conwayarkansas.gov/transportation/projects/#project-18-125>
- **Kinley Trail Expansion** – *Hogan to Lollie* – Future grant project – <https://conwayarkansas.gov/transportation/projects/#project-18-143>
- **Oak & East German Rewire** – *Signal* – Completed 2020 – <https://conwayarkansas.gov/transportation/projects/> Job #: 18-149
- **Salem & Irby** – *Roundabout Installation* – Completed 2020 – <https://conwayarkansas.gov/transportation/projects/#18-150>
- **I-40 Interchange Improvements** – *Highway 65* – ARDOT project – <https://conwayarkansas.gov/transportation/projects/#project-18-156>
- **Davis Street State Aid Overlay** – *Hairston to Robins* – ARDOT partnering project completed 2020 – <https://conwayarkansas.gov/transportation/projects/#project-19-102>
- **Tyler Street Bridge Replacement** – *Tucker Creek* – State hazard mitigation grant completed 2020 – <https://conwayarkansas.gov/transportation/projects/#project-19-108>
- **Harkrider Sidewalk** – *Bruce to Robins* – Metroplan grant awarded 2020 – <https://conwayarkansas.gov/transportation/projects/#project-19-110>
- **Salem & Tyler** – *Roundabout Installation* – Utility relocations scheduled to begin early 2020 – <https://conwayarkansas.gov/transportation/projects/#project-19-114>
- **Stone Dam Creek Trail, Phase 2** – *Donaghey to S. German* – Funded via the combination of 2019 & 2020 ARDOT RTP awards, \$125,000 & 150,000 respectively, as well as Parks impact fee – <https://conwayarkansas.gov/transportation/projects/#project-19-116>
- **Salem Road Improvements** – *College to Dave Ward* – Preliminary design plans prepared in 2020, construction to begin as funding allows – <https://conwayarkansas.gov/transportation/projects/#project-19-120>

ENGINEERING SERVICES

- **Nutters Chapel Road Improvements** – *Wineberry to TJ* – Preliminary design plans prepared in 2020, construction to begin as funding allows – <https://conwayarkansas.gov/transportation/projects/#project-19-121>
- **Nutters Chapel Road Improvements** – *Mattison to Pebble Beach* – Preliminary design plans prepared in 2020, construction to begin as funding allows – <https://conwayarkansas.gov/transportation/projects/> Job #: 19-122
- **Hillman Street Reconstruction** – *Donaghey to Davis* – Construction began 2020, and should be completed 2021 – <https://conwayarkansas.gov/transportation/projects/#project-19-125>
- **Van Ronkle Box Culvert** – *Unnamed Creek* – Completed in 2020 – <https://conwayarkansas.gov/transportation/projects/#project-19-133>
- **Pavement Marking Program** – *Ward 4* – Plans completed 2020, contractor in breach of contract – <https://conwayarkansas.gov/transportation/projects/#project-20-101>
- **Oak & Faulkner Plaza Signal Modification** – *Intersection* – Completion expected 2021, pending ARDOT approval – <https://conwayarkansas.gov/transportation/projects/#project-20-102>
- **College Sidepath** – *Salem to Farris* – 2020 ARDOT grant application declined; plan to reapply 2021 – <https://conwayarkansas.gov/transportation/projects/#project-20-103>
- **Farris Road RRFB @ UCA** – *Pedestrian Crossing* – Completed 2020 – <https://conwayarkansas.gov/transportation/projects/#project-20-109>
- **Bike Route Signage** – *Downtown to Kinley Trail* – Completed 2020 – <https://conwayarkansas.gov/transportation/projects/#project-20-111>
- **Bruce & Davis Traffic Study** – *Intersection* – Completed 2020 – <https://conwayarkansas.gov/transportation/projects/#project-20-112>
- **Vail Avenue and Cimarron Drive** – *Blaney Hill to Muskogee* – Faulkner County partnering project – <https://conwayarkansas.gov/transportation/projects/> Job #:20-114
- **Tyler Street Crossing** – *Tucker Creek* – Preliminary design completed 2020 – <https://conwayarkansas.gov/transportation/projects/#project-20-117>
- **Woodland Springs Drainage Improvements** – *Nicole Circle* – Design completed 2020 – <https://conwayarkansas.gov/transportation/projects/#project-20-121>
- **Toad Suck Ferry Foundation** – *Lake Beaverfork Park* – Completed 2020 – <https://conwayarkansas.gov/transportation/projects/#20-122>
- **York/Eggman Drainage Improvements** – *Unnamed Creek* – Preliminary design completed 2020 – <https://conwayarkansas.gov/transportation/projects/#project-20-123>
- **Downtown Drainage Study** – *Area* – FEMA grant application submitted 2020 – <https://conwayarkansas.gov/transportation/projects/> Job #: 20-125
- **Oak & Ingram Drainage Improvements** – *Intersection* – Design completed 2020, construction scheduled 2021, pending ARDOT approval – <https://conwayarkansas.gov/transportation/projects/#project-20-126>

ENGINEERING SERVICES

- **Locust Street Sidewalk** – *McKay to Bruce* – Construction underway, should be completed 2021 – <https://conwayarkansas.gov/transportation/projects/#project-20-129>
- **Reedy Road Curve Warning Signage** – *Grapevine* – Completed 2020 – <https://conwayarkansas.gov/transportation/projects/#20-131>
- **Stone Dam Creek Bridge Replacement** – *Sewer Treatment Plant* – Advertised late 2020, construction to begin early 2020 – <https://conwayarkansas.gov/transportation/projects/#project-20-132>
- **Shamrock & Robinwood Pavement Repair** – *Intersection* – Preliminary design completed 2020 – <https://conwayarkansas.gov/transportation/projects/#project-20-133>
- **Frisco Lane Drainage Improvements** – *Cul-de-sac* – Preliminary design completed 2020 – <https://conwayarkansas.gov/transportation/projects/#20-134>
- **Willow Street & Garland Street** – *Spencer to Markham* – Future grant project – <https://conwayarkansas.gov/transportation/projects/#project-20-135>
- **Farris Road Extension** – *Spencer to Markham* – Conceptual design completed 2020 – <https://conwayarkansas.gov/transportation/projects/#project-20-137>

DEVELOPMENT REVIEW SERVICES

Engineering services were provided to the planning department for the review of all preliminary plats, final plats, and development plans to ensure compliance with federal, state, and local requirements as well as sound engineering design. Design review was completed for the following projects during the subject fiscal year:

- | | |
|--|---|
| • June Beene Apartments Ph4 | • Watson Storage |
| • Conway Housing Authority Addition | • Hortons Expansion |
| • Coldstone Building | • Bell Urban Farms |
| • Hamlet Apartments | • Lower Ridge Duplexes |
| • Structurelam | • Raising Canes |
| • Carpet Barn | • Sally Cone Addition |
| • Texas Roadhouse | • Cambridge Place Apartments |
| • Brentwood Apartments | • American Safeguard Insurance |
| • CRMC Wound Clinic | • 7Brew Drive Thru Coffee |
| • Gabbard Vet Clinic | • 1200 Place Ph2 |
| • Cambridge Village Parking | • Lewis Ranch Lot 4C |
| • Ellen Smith Parking | • CRMC Behavioral Health |
| • Hortons Travel Center | • Hervey Insurance |
| • Tommy Carwash | • Arkansas Fence & Guardrail Parking lot |
| • Child Therapy Clinic | |

ENGINEERING SERVICES

Upon completion, all improvements were or will be inspected by the Transportation Department to ensure compliance with the approved plans and specifications. A total of 27 private developments were inspected for compliance during the subject fiscal year.

SUBDIVISION CONSTRUCTION INSPECTION

Construction inspection and observation was provided for all subdivisions developed by private developers ensure that all required improvements were completed in accordance with plans and specifications as approved by the planning and engineering departments. These services were provided for the following projects during the subject fiscal year:

- **Central Landing Ph1**
- **Marvin Gardens**
- **Trison Lane Subdivision**
- **Robynmar Ph2**
- **Hendrix Village Ph3**
- **Robynmar Ph3**
- **Ivy Place**
- **Kavanaugh Place**
- **Orchard Hill Ph2**
- **Campbell Cove Ph2**
- **Twin Rivendale**
- **Estates at Centennial**
- **Longing Round Mountain**
- **Maly Village**
- **Miller's Creek**
- **12 Hundred Ph2**
- **Southcrest Subdivision**

STORM WATER POLLUTION PREVENTION

Engineering services as required by the Arkansas Department of Environmental Quality's NDPES Small MS4 General Permit No ARR040000 were provided by the engineering department. This permit authorizes the city to discharge storm water into approved receiving waters of the state. Requirements of this permit include:

- Annual Reporting
- Construction site inspection to monitor storm water runoff
- Maintain pollution prevention best practices for municipal operations

Storm Water Pollution Prevention Plans were developed and submitted to ADEQ for major construction projects within the City in compliance with this permit. In addition, and assistance was provided to the Code Enforcement Department regarding properties that were in violation of this permit.

FLOODPLAIN MANAGEMENT

The engineering staff provides Floodplain Management services as required by the city's Floodplain Development Ordinance and FEMA. These services included consideration of floodplain development permits and responding to public inquiries regarding information provided on floodplain maps. In addition, engineering staff monitors development in an effort to prevent unpermitted development within the floodplain.

ENGINEERING SERVICES

TRAFFIC SERVICES

Inspection and maintenance of the approximately 60 signalized intersections in Conway were provided by three full-time employees with oversight from the city engineer. This effort involves the repair or replacement of electrical components as required as well as routine updating of signal timing parameters. In addition, these employees provided routine maintenance of all signage and pavement marking within the city.

TRAFFIC CALMING

Upon receiving a completed resident application, traffic counting equipment was placed and reports were produced indicating traffic volume and speed at locations where traffic calming was being considered. At locations approved by the Traffic Engineer, the following traffic calming devices were installed during the subject fiscal year. Underlined locations indicate funding was provided by the City of Conway at other locations, funding was provided by the POA, neighborhood association, or adjacent property owners.

- **Cresthaven St – @ Mill Pond – Radar Speed Sensing Sign**
- **Collins Dr. – @ Mill Pond – Radar Speed Sensing Sign**
- **Harbelle Dr. – @ Mill Pond – Radar Speed Sensing Sign**
- **Redhaven Dr. – @ Majestic - Radar Speed Sensing Sign**
- **Donaghey Ave. – Ida Burns Elementary School – Rectangular Rapid Flash Beacon**

ALTERNATIVE TRANSPORTATION

Providing or encouraging alternate forms of transportation is an important goal for both the City of Conway and this department. To this end, the city engineer serves as an ex officio member on the Bicycle and Pedestrian Advisory Board, which serves to advise the city on ways to remain an official bicycle-friendly, become an official walk-friendly community, and seek to achieve the federal and state goals of the safe routes to school program.

IMPROVEMENT PROGRAM UPDATE SUMMARY*

Improvement Program Update Summary*

STREET SALES TAX PROJECTS

- **Donaghey Avenue Improvements** – *Prince to Dave Ward* – Phase 1 roadway construction is underway. Phase 2 is scheduled to begin in 2021.
- **Salem Road Bridge** – *College to Dave Ward* – Construction is scheduled to begin early 2022.
- **Salem Road Improvements** – *College to Dave Ward* – Phase 1, College to Tucker Creek, Scheduled to begin following the construction of the Tucker Creek bridge.
- **Dave Ward Improvements** – *Harkrider to I-40* – ARDOT began a traffic Study in 2018. Pending ARDOT acceptance, design will hopefully begin in 2021.
- **Harkrider Improvements** – *Oak to Bruce* – Pending ARDOT approval, design will hopefully begin in 2021 with construction to begin in 2023.

STREET FUND PROJECTS

- **Hillman Street Reconstruction** – *Donaghey to Davis* – Construction began in 2020 and should be completed in 2021.
- **Court Street** – *Oak to Main* – Design should begin early 2021. Construction should begin by 2022.
- **Chestnut Street** – *Oak to Deer* – Design should begin in 2021. Construction will begin immediately following the completion of court street, likely 2022 or 2023.
- **Locust Street** – *Caldwell to College* – Design should begin in 2021. Utility relocation should commence in 2021 or 2022. Construction will proceed as funding becomes available, likely by 2023 or 2024.

IMPACT FEE PROJECTS

- **Tyler & Salem** – *Roundabout Installation* – Utility relocation is scheduled to begin early 2021. Construction should commence once utilities have been relocated. Construction should begin early 2021.
- **College & Farris** – *Roundabout Installation* – Design will be completed in 2021. Utility relocation should begin early 2022, with construction to follow immediately, pending availability of funds.

PAY AS YOU GO PROJECTS

- **Oak Street Adaptive Signal Control System** – *Harkrider to E. German* – System Engineering and design began in 2019 and should be completed in 2020. Construction should commence in 2021.
- **Markham Street Improvements** – *Van Ronkle to Mill* – Phase 1 construction began in 2019 and should be completed in 2020. Phase 2 construction should begin soon after phase 1 completion, but is subject to Metroplan approval.
- **Markham Town Square** – *Old Scrapyard* – Construction is scheduled to begin in 2021.

IMPROVEMENT PROGRAM UPDATE SUMMARY*

- **Old Conway Sidewalk Repair** – *Locations Specified in Section 5.3 of the City of Conway Pedestrian Master Plan* – Construction began in 2019. Portions of the list will be completed each year, as funding allows.
- **Harkrider Sidewalk** – *Bruce to Robins* – 30% design plans were completed for a grant application in 2019. Construction should commence in 2021, pending ARDOT and Metroplan approval.
- **Harkrider & Robins** – *Intersection Improvement* – ARDOT design began in 2020. Construction is scheduled to begin in 2021.
- **Hogan & Hwy 64** – *Intersection Improvement* – ARDOT design began in 2020. Construction is scheduled to begin in 2022.
- **Nutters Chapel** – *Mattison to Salem* – Final plans should be completed in 2021. Utility relocation and right-of-way acquisition should begin in 2021 and be completed in 2022. Construction will commence as funds become available, which is likely to be in 2023.
- **Nutters Chapel** – *Mattison to Pebble Beach* – Design should be completed by 2022. Utility relocation and right-of-way acquisition should begin in 2022 and be completed in 2023. Construction will commence as funds become available, which is likely to be in 2024.

CONTACT INFORMATION

Contact Information

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501-450-6165