

## In Progress CIP Projects

### 1. Chaffee Crossing Trails:

Segment One Completed: September 2020

**Scope of Project:** This is a joint project with the Fort Chaffee Redevelopment Authority for the construction of an approximate 7.1 mile trail system. The project is broken down into three segments, with FCRA committing *up to* \$500,000 for each segment. Mickle, Wagner, Coleman, Inc. of Fort Smith is serving as the engineer for the project.

Segment One added 1.7 miles of multipurpose trail beginning at Wells Lake Road and extending to Roberts Boulevard. Steve Beam Construction of Fort Smith served as the contractor in this segment. Project Video: <https://www.youtube.com/watch?v=OWHmGwuVdNY&t=1s>.

Expenditure	Amount	Funding	Amount
Design Fees	\$ 110,346.00	TAP Grant	\$ 500,000.00
Construction Observation	\$ 83,114.00	FCRA	\$ 500,000.00
Grant Administration Fees	\$ 13,595.10	Parks 1/8% SUT	\$ 552,943.47
Construction	<u>\$1,345,888.37</u>		<u>\$1,552,943.47</u>
<b>Total Cost</b>	<b>\$1,552,943.47</b>		

Segments Two and Three: The remaining approximately 5.5 miles are currently in the design process. Please note, funding for Segments Two and Three were eliminated via Ordinance No. 14-20 (amending the CIP), as the Maybranch Trail took precedence. The design of these segments will be completed, as contracts are already executed for such services. Should the Sales and Use Tax earmarked for Parks improvements be renewed, funding in the amount of \$1M is allocated in Fiscal Year 2025 for construction and construction observation services for Segment Two.



HN-1.6    TI-1        TI-3        PFS-5        NCR-1.4    PFS-4.3.1

### 2. Parrot Island Waterpark Expansion

Additional Water Slide

*Projected Completion: 2021*

**Scope of Project:** The second part of this project consists of adding a tube slide. This was discussed at the joint meeting between the Fort Smith Board of Directors and Sebastian County Quorum Court on October 24, 2020. The officials present from each governing body were in favor of allocating the additional funding in the amount of \$200,000 for this addition.

Water Discharge Modification

*Projected Completion: 2021*

Currently, the water at Parrot Island Waterpark is discharging into the sanitary sewer system, which is not in conformance with Section 25-186 of the Fort Smith Municipal Code. Since its opening, a discharge permit has been issued annually to comply with ADEQ regulations. In order to address this issue, City Administration, with the help of the Utilities Department, has begun

discussion with Hawkins-Weir Engineers, Inc. to permit the discharge from the pools and backwash system to the catchment basin. Once this is permitted, Parks will continue the work with Hawkins-Weir Engineers to complete the design to reroute the existing plumbing to redirect the water discharge to flow into the existing catch basin. The funding needed for the additional water slide and water discharge modification is reflected in the FY21 allocation for PIWP.

**CIP Allocation                    \$ 250,000**



PFS-4.3.1   PFS-5  
NCR-1.2    NCR-2

**3. Riverfront Drive Sports Fields Phase II**

*CIP Year: 2019-2022*

**Scope of Project:** Phase II will include an inclusive playground, Challenge Course, paving of the existing gravel parking lot, additional parking, sidewalks, running of electric, restrooms, pavilions, and additional sports fields, as prioritized by citizens. Should private funding opportunities and/or grants become available, a Miracle League Field (\$700K) will also be included in this project. Please note the soccer fields shown in the Master Plan below will be modified based on current community needs, as identified through the use of public meetings.

<b>Budgeted Amenities</b>	
Site Preparation (Axioo)	\$1,873,415
Inclusive Playground	\$ 850,000
Challenge Course	\$ 210,000
Restrooms	\$ 200,000
Pavilions	\$ 145,000
Sports Fields (TBD)	\$1,000,000
<b>Estimated Cost</b>	<b>\$4,278,415</b>

Axioo Construction of Mulberry, Arkansas was awarded the contract in an amount of \$1,873,415.00 for the first portion of Phase II. This contract consists of the construction of underground storm drainage improvements, 630 linear feet of water pipe, and placement of select fill material sufficient enough to construct an ADA baseball field, playground and pavilion. Also included under this contract is construction of concrete sidewalks (including curb and gutter) and paving of the existing gravel parking lot next to the soccer fields. Once this portion of Phase II is completed, the final designs for the inclusive playground, challenge course, pavilions, and restrooms will be advertised for bids.

<b>Total CIP Funding</b>	
FY 2020	\$ 1,929,050
FY 2021	\$ 1,200,000
FY 2022	\$ 1,200,000
<b>Total Allocation</b>	<b>\$ 4,329,050</b>



**Beginning status of Phase II.**



FLU-1.5    FLU-2.1    FLU-2.2  
TI-5.2.1    ED-6.1    NCR-1.1  
NCR-1.5    PFS-3.2.3

#### 4. Maintenance Building Additions

*CIP Year: 2020-2021*

**Scope of Project:** During the Board Meeting in which the construction of the maintenance building was approved, the question of security of the building was posed. In order to address this, staff is currently gathering quotes to install fencing around the perimeter of the building. In an effort to save money, Parks Staff will complete the interior of the building: electric, water, shelving, lighting, etc. Once these additions are completed, staff will be able to utilize the new maintenance building in its full capacity.

**CIP Allocation**                      **\$30,000**



HN-1.2    FLU-1.4

#### 5. Soft Surface Trails Master Plan (312 Acres)

*Estimated Completion: December 2020*

**Scope of Project:** At their November 20, 2018 Regular Meeting, the Board of Directors approved the purchase of approximately 312 acres of land from the Kansas City Southern Railroad Company. The Frontier Ozark Off-Road Cyclists (FOORC) and the Friends of Recreational Trails (F.O.R.T.) have committed to both building and maintaining the soft surface trails to be developed on this property. City Administration authorized an agreement (\$33,000) with Frontier Engineering, Inc. to prepare a master plan for the development of these trails.

**CIP Allocation**                      **\$33,000**



FLU-2.1.2    FLU-2.2    NCR-1.1

#### 6. Wilson Park Inclusive Playground

Completed: May 2020

**Scope of Project:** Inclusion was the goal of this project. Some of the key takeaways from a public meeting regarding the park included: lighting throughout the park, updated playground equipment, electrical outlets, and restoring the historic brickwork under the large hill. GameTime completed the project, which features an inclusive playground, two accessible swings, multiple amenities to accommodate multiple impairments, and paved access to the playground. Project Video: <https://www.youtube.com/watch?v=HZ8ipRaFVU4&t=11s>

**Total Playground Cost**    **\$ 199,989.70**



PFS-3.2.3    PFS-5.2    NCR-1.3





**7. Shade Structures**

Completed: March 2020

**Scope of Project:** Shade structures were purchased for the Creekmore Park Wading Pool and for Martin Luther King, Jr. Park. It was determined the best type of shade structures for the wading pool were single-post cantilever style shades. Three of these amenities were purchased and installed for the 2018 operating season. These structures allow adequate shaded areas for patrons at the wading pool. The shade structures for Martin Luther King, Jr. Park are much larger and provide full coverage of the playground and splash pad areas. The shade structure over the splash pad area is rectangular in shape while the shade structure over the playground is much more elaborate, arranging multiple shade panels into a hexagon shape. Both structures will provide adequate shade to each of these areas while children enjoy these amenities.



Wading Pool Shade Structures	\$ 18,068.25
Playground Shade Structure	\$ 14,975.00
Splash Pad Shade Structure	\$ 33,000.00
MLK Shade Installation	\$ 28,610.00
<b>Total CIP Cost</b>	<b>\$ 94,653.25</b>



PFS-5

**8. Wilson Park Basketball Court Resurfacing**

*Estimated Completion: Spring 2021*

**Scope of Project:** Following the Public Meeting held in 2019 in which citizens were asked for input regarding amenities for the inclusive playground, a majority of citizens discussed the Sunday basketball league. This is a relatively large event in which over a hundred citizens and food vendors come to the park on Sundays to participate in a league. The complete resurfacing of the basketball courts is needed. Additional amenities include the installation of electrical stations to accommodate food truck vendors and spectator bleachers. The project is estimated at around \$225,000 plus engineering fees. The design is complete and ready to be advertised for bid. Construction will begin in January and will be completed by the Spring.

**CIP Allocation                      \$330,000**



PFS-5    NCR-1.3    FLU-1.4



**9. Kelley Park Ballfields Turf Project**

*Estimated Completion: Fall 2020*

**Scope of Project:** This is a public-private partnership to install artificial turf on four (4) fields at the Kelley Park Ballfields. The private sector has committed to providing \$275,000 for the project. Three of the fields have been completed, while Flocks Field was put on hold pending discussion with the Southside High School Fastpitch team regarding their use of the field. The team has since decided to stay at their current home field. Therefore, the field will be remobilized and then turf installed by the end of the year. Due to COVID-19, the relocation of the irrigation was not able to be donated and funding for this work was paid by the City.

Engineering Fees	\$ 75,750.00
Current Construction	\$ 551,250.00
Relocation of Irrigation	\$ 8,300.00
Private Funding	(\$275,000.00)
<b>Total Cost to City</b>	<b>\$ 360,300.00</b>



PFS-4.3.1 PFS-5



**10. McClure Non-Motorized Off-Road Trail**

*CIP Year: 2021*

**Scope of Project:** At the December and February Parks Commission Meetings, Rod Coleman with ERC Holdings of Fort Smith presented a plan for a non-motorized, off-road soft surface trail at McClure Amphitheater. Mr. Coleman stated FCRA and ERC have committed to providing \$60,000 in funding for the project, and requested the City consider contributing an additional \$60,000. The Parks Commission voted two in favor (Raney and Rowland) and four opposed (Raible, Jennen, Marquette, and Deal) for this funding request. City Administration feels this project will provide additional amenities to the residents of the City. The Board of Directors approved funding for this project at the February 25, 2020 Special Meeting.

City Funding	\$ 60,000
Private Funding	\$ 60,000
FCRA Funding	\$ 60,000
<b>Total Allocation</b>	<b>\$ 180,000</b>



PFS-4.3.1 PFS-5.1.3 NCR-1



11. Riverfront Skate and Bike Park “The Globe” and Expansion

The Globe: Completed February 2020

**Scope of Project:** “The Globe” by Berliner was added to the park to offer a climbing style amenity in addition to the skating and biking amenities. Parks Staff installed the globe following footing and concrete work performed by Steve Beam Construction, Inc. of Fort Smith.



Maintenance Staff after installing The Globe



The Globe	\$ 45,584.60
Concrete/Footings	\$ 6,290.00
<b>Total Cost</b>	<b>\$ 51,874.60</b>



FLU-2.3 CCD-1.1

Skate and Bike Park Expansion (Phase II)

*Estimated Completion: 2021*

**Scope of Project:** This is a public-private partnership in which the City has received a commitment of up to \$500,000 if the same amount is raised or committed by the City. The private sector will work to raise an additional \$200,000, bringing the total private funding for this project to be \$700,000. The City has executed a contract with Frontier Engineering, Inc. for the design of this project in the amount of \$40,000. Construction observation services will be an additional expense. Such expense is estimated at \$50,000. The City’s contribution for this project is estimated to be \$650K.

City Funding	\$ 650,000
Private Funding	\$ 700,000
<b>Total Allocation</b>	<b>\$ 1,350,000</b>



FLU-2.1.5 FLU-2.2.1 NCR-1.5  
ED-6.1.1 PFS-4.3.1

12. Maybranch Trail

*CIP Year: 2019-2023*

**Scope of Project:** This will be an approximately 2.9 mile, 10-foot-wide, asphalt trail. The trail will connect Free Ferry to North O Street, Martin Luther King, Jr. Park, and P Street. This trail will ultimately funnel into the Greg Smith River Trail. This allows increased access to Harry E.

Kelley Park, the Riverfront Drive Sports Fields (51 Acres), Riverfront Drive Skate and Bike Park, future Marshals Museum, and Fort Smith Park. The project is estimated to cost \$5.3 million in addition to engineering fees. Morrison Shipley has been selected as the most qualified engineer for this project. The Board approved a contract in the amount of \$354,065.00 for design and construction observation services for Phase I.

Phase I of the trail will begin at Riverfront Drive and extend through Martin Luther King, Jr. Park. The City has been awarded an Outdoor Recreation Legacy Partnership grant for construction of Phase I through the National Park Service. The proposed route is shown to the right.

Total CIP Allocation	
FY 2020	\$ 140,000
FY 2021	\$ 2,475,000
FY 2022	\$ 1,000,000
FY 2023	\$ 950,000
FY 2024	\$ 600,000
<b>Total Allocation</b>	<b>\$ 5,265,000</b>



ED-6.1.1 HN-1.6 TI-1.2  
NCR-1.4 FLU-3.4.2



### 13. River Valley Sports Complex

The River Valley Sports Complex (RVSC) project began in 2011. A former Sebastian County Election Commission Chair and a former State Senator, working in partnership, promised delivery of a tournament-quality softball complex that would economically benefit the entire region. This partnership between the City and RVSC was terminated due to failure to perform. The Board of Directors approved the sale of this property (\$210,273.00) at their January 21, 2020 Regular Meeting. There is still ongoing litigation.



## Upcoming CIP Projects

### 14. Creekmore Park Inclusive Playground

*CIP Year: 2021*

**Scope of Project:** Creekmore Park is one of the most heavily used parks being centrally located in the city. As such, it serves to set the overall tone of what citizens can expect throughout our park system. While the existing playground is ADA compliant, it desperately lacks inclusion. Citizens have recognized this fault in our playgrounds and have made efforts to make our parks more inclusive. This is evidenced by the donation of two wheelchair swings from organizations. These swings are located at Creekmore Park and Carol Ann Cross Park. As an additional inclusive effort, the Creekmore Express now pulls a wheelchair accessible car to accommodate those confined to a wheelchair. The renovation of the playground area to be inclusive will be directed based on community input. Since this is one of the most heavily utilized parks, we will work closely with organizations that provide services to individuals with disabilities. This is a vital aspect of the project, as these organizations best understand the demographics of our community and can provide ways in which we can greatest accommodate their needs.

**CIP Allocation**

**\$450,000**



PFS-5

PFS-3.2.3

NCR-1

### 15. Carol Ann Cross Park Improvements

*CIP Year: 2022 and 2024-2025*

**Scope of Project:** The restrooms at Carol Ann Cross Park are in desperate need of repair, both structurally and in terms of accessibility. In addition, most of the pavilions are not accessible for individuals with mobility impairments. In order to address this, concrete ramps will be constructed that will allow these pavilions to be easily accessible. The roads throughout the park will be repaved and the parking area in the southeast corner of the park expanded. The expansion will also have designated handicap spaces, as there are currently none. Inclusion improvements will be made to the playground area and an additional fishing pier will be constructed at the northwest corner of the lake. These improvements will better accommodate the multiple annual fishing derbies held at this location.

**Total CIP Allocation**

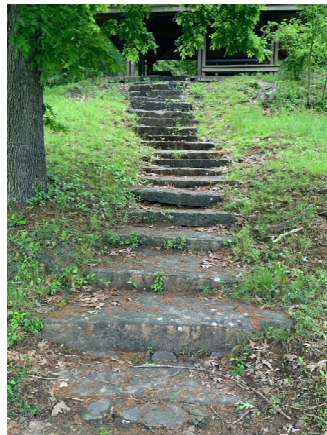
**\$ 1,300,000**



NCR-1

PFS-5

PFS-3.2.3



**Examples of access points to restrooms and picnic pavilions.**



**16. Creekmore Park Parking Lot Resurfacing Phase II and Phase III**

*CIP Year: 2023 and 2025*

**Scope of Project:** Phase II of this project will pick up at the main entrance into the park and repave the parking area adjacent to the pool. Phase III will begin near the food pantry box and extend through the main parking area for the community center.

**Total CIP Allocation \$600,000**

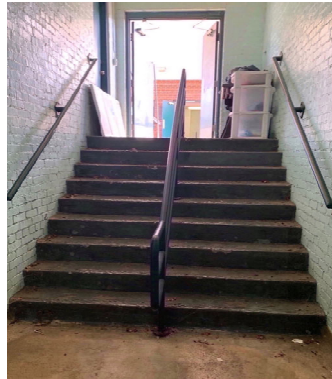


FLU-1.2 FLU-1.4

**17. Creekmore Park Pool Bathhouse**

*CIP Year: 2023-2024*

**Scope of Project:** The bathhouse has not undergone significant improvements in several years, apart from repairing roof damage caused by hail damage. The existing facilities are outdated and do not provide adequate ADA access from the parking lot to the pool deck. Individuals confined to wheelchairs and/or walkers must currently pay their admission at the front gate and then travel along the outside perimeter of the building and be let in at the side gate near the diving well. In addition to accessibility needing to be addressed, the restrooms and showers are outdated and in poor shape. Furthermore, the changing rooms are quite large and are not used at capacity. Staff has had ongoing discussions with citizens, the Parks Commission, and members of the swimming community, and we have identified this project as a priority. The current plan for this project is to renovate only one side of the bathhouse, as one dressing room will provide adequate space. We will split the men’s side into two separate dressing rooms, one for each gender. All amenities will be updated, and functionality/accessibility will be the focus of the project. Meetings will be held with the swimming community to help guide the project and adjust it to best meet the needs of all citizens.



Men’s Bathhouse

Note: During the safety audit, the stairs to both sides of the bathhouse were identified as needing to be replaced due to their poor condition and being too steep.

Phase I of this project (2023-2024) will address one side of the existing bathhouse. A future Phase II of the renovation will address the opposite side. Since there will not be a need for additional locker space, staff will evaluate the best use for this side. Potential plans could include a covered outdoor fitness center, pickleball court, covered basketball court, etc. This project will be developed through the use of public meetings.



<b>Total CIP Allocation</b>	
FY 2023	\$ 750,000
FY 2024	\$ 750,000
<b>Total Allocation</b>	<b>\$1,500,000</b>



FLU-1.4 PFS-3.2.3

### 18. Martin Luther King, Jr. Park Improvements

*CIP Year: 2022-2023*

**Scope of Project:** Martin Luther King, Jr. Park served as the first step towards inclusion in our parks system with the installation of a playground structure with a wheelchair ramp. This allows children confined to a wheelchair and those with mobility issues to gain access to the amenities. While this was an excellent start to making our parks inclusive to individuals of all abilities, the playground structure only focused on mobility impairments and did not address social, cognitive, and visual impairments. Additionally, the equipment is dated and needs to be renovated, as is evidenced by the present repairs and replacement of multiple play components. This project will not only focus on the larger playground area, but also on the smaller playground near the circle drive. In addition, the basketball courts at the park are heavily utilized and are in need of improvement. Although shade structures are being added to the large playground area and splash pad, there is still a need for additional shade amenities. Such additions could include covered benches next to the basketball courts, similar to those at the Creekmore Park Tennis Center. The improvements completed will be based on community input and how their needs can best be satisfied.

**CIP Allocation**

**\$650,000**



PFS-5

PFS-3.2.3

NCR-1.5

### 19. Neighborhood Parks

*CIP Year: 2025*

**Scope of Project:** This allocation is set aside for existing parks in need of updates. The focus of these updates will be on ADA compliance and inclusion. Following an inventory and evaluation of existing neighborhood parks, individual parks will be identified, and a general plan established for each in future CIPs.

**CIP Allocation**

**\$250,000**



NCR-1.1

PFS-3.2.2

PFS-5

### 20. Tilles Park Inclusive Playground

*CIP Year: 2024*

**Scope of Project:** The City of Fort Smith was deeded this park in January 1925 by Mr. C.A. Tilles. The only stipulation of this deed is that the land “be forever used as a public park, devoted primarily as a playground for children...” Since 1925, the City of Fort Smith has operated, maintained, and improved this park in accordance with the terms of the deed. The playground areas within the park are not inclusive to children of all abilities, as is evidenced by difficult transitions to the play areas from the walking trail and sidewalks, lack of inclusive equipment, and dated amenities. Inclusion over accessibility is a priority of the Parks Department. Combining this goal with Mr. Tilles’ emphasis on the playground component of the park, the department will complete the renovation of the existing play areas at Tilles Park. Similar to the public input meetings to be conducted for the inclusive playgrounds at the Riverfront Drive Sports Fields, Creekmore Park, and Martin Luther King, Jr. Park, public input will be sought out and reflected in the renovation plan for the park.

**CIP Allocation**

**\$500,000**



PFS-5

PFS-3.2.3

NCR-1.5

21. Creekmore Park Tennis Court Resurfacing

*CIP Year: 2024*

**Scope of Project:** This project is for the resurfacing of the top four (4) tennis courts at Creekmore Park. If funds allow, improvements to lighting and the pavilions between courts will be considered.

**CIP Allocation**            **\$300,000**



PFS-5    NCR-1.3    FLU-1.4

22. Creekmore Park Walking Trail Improvements

*CIP Year: 2023*

**Scope of Project:** This project will consist of repaving of the walking trail around Creekmore Park. An asphalt trail will be poured in place of the traditional concrete sidewalk. This will serve to reduce any shifting and cracking that would occur resulting in uneven sections and transitions to picnic areas that present obstacles for those with physical disabilities. Additionally, multiple drainage issues will be addressed throughout the park, mainly the areas off the main parking lot and near the large pavilion.

**CIP Allocation**            **\$180,000**



PFS-5    FLU-1.4



23. Stagecoach Park Phase II

*CIP Year: 2024*

**Scope of Project:** Phase II of this project includes a crusher dust walking trail and the addition of a pavilion similar to the one located at Imani Park.

**CIP Allocation**            **\$75,000**



NCR-1.1    PFS-3.2.2    PFS-5

24. Creekmore Park Train Track

*CIP Year: 2025*

**Scope of Project:** The Creekmore Express is one of the most iconic and unique features throughout our parks system. Several thousands of individuals visit and take a ride on the miniature train during the summer months and during Holiday Express. While Maintenance Staff are able to make minor repairs along the tracks, there are several sections that need to be



completely replaced. Rather than being installed on the ground and leveled, as is the case in several areas of the track, the railroad ties (wood planks) should be installed on top of the ground. Renovating these problem areas will help decrease the amount of wear and tear on the train wheels. In recent years, approximately four to five sets of wheels have been purchased annually at \$1,100 per set. The train tracks need to be installed by experts as opposed to Maintenance Staff with general knowledge of the process. Alternative routes can also be discussed closer to the start of this project. As funds allow, improvements to the switch tracks by the train shed will be made.



Example of railroad tie issue.

**CIP Allocation            \$175,000**



FLU-1.4   PFS-5

**Five Year Capital Improvement Program (2021-2025)  
Streets, Bridges and Drainage Sales Tax Funds**

**Descriptions of Selected Projects  
September 17, 2020**

**1. Street Overlays and Reconstruction.** The total length of streets proposed to be improved is approximately 8.0 miles as shown on the attached list and exhibits. The estimated cost for the 2021 street overlays and reconstruction projects totals \$10.1 million, with an estimated \$1.1 mil expended in 2021 and \$9.0 mil expended in 2022. The total cost shown in 2021 is \$9.0 million which includes \$7.9 million in remaining construction for the 2020 projects. (See pages 5-9)

**2. Neighborhood Drainage Improvements.** The projects identified in the 2021 drainage program include drainage improvements in seven areas shown on the attached list and exhibits. These projects are associated with structure flooding and infrastructure damage that occurred during the heavy rains this past year. The total estimated cost for this work is \$5.0 million, with an estimated \$500,000 expended in 2021 and \$4.5 million expended in 2022. The total cost shown in 2021 is \$6.8 million which includes \$6.3 million in remaining work for ongoing drainage projects. (See pages 10-11)

**3. Downtown Traffic and Truck Route.** One of the recommendations from this study is to rework the center left turn phasing for the traffic signal at the intersection of 5<sup>th</sup> Street and Garrison Avenue. For 2021, \$100,000 is budgeted for this signal modification along with some possible intersection turning radius improvements. It should also be noted that the Arkansas Highway Commission, at their July 22, 2020 meeting, authorized ArDOT to conduct a planning study to determine the need for and feasibility of improvements to the State Highway System, in and surrounding downtown Fort Smith, including the feasibility of constructing a new Highway 64 Arkansas River crossing.

**4. Intersection and Signal Improvements.** This project includes replacement of traffic signals at three intersections along 9<sup>th</sup> Street. These intersections include Rogers Avenue, North A Street and North B Street. The estimated cost for the work at these three intersections is \$750,000. (See page 12)

**5. Kelley Highway Extension to Riverfront Drive.** This project is for the reconstruction and widening of Kelley Highway to a three lane section from Midland Boulevard to Riverfront Drive. This extension of Kelley Highway will provide a direct route between I-540 and the riverfront area. The engineering design is complete. Right of Way acquisition and franchise utility relocations are scheduled to begin in 2021 with completion in 2022. Construction is scheduled to begin in 2023 and extend into 2024. (See page 13)

**6. Towson Avenue – Garrison Avenue to Zero Street.** This partnering project with ArDOT includes the complete rehabilitation of the approximately four mile section of Towson Avenue (Hwy 71B) between Garrison Avenue (Hwy 64) and Zero Street (Hwy 255). The project will include upgrading of the drainage system to current standards, replacement of the curb/guttering and driveway approaches, installation of sidewalks and pavement improvements to the street surface. ArDOT's cost estimate for this project is \$12.5 million and the city's share will be 16% of the project costs, up to a maximum amount of \$2.0 million. Upon completion of the work, this section of Hwy 71 B (Towson Avenue) will be removed from ArDOT's highway system and will become a city street. ArDOT estimates the project will bid for construction in November 2021. (See page 14)

**7. Geren Road Reconstruction.** This project is the reconstruction and widening of Geren Road to a three lane section between Highway 45 and 58<sup>th</sup> Street. Plans are complete, the right of way has been acquired and the franchise utilities have been relocated. The street project is scheduled to bid for construction in October with construction during 2021. (See page 15)

**8. Zero Street (Hwy 255) Improvements.** This partnering project with ArDOT includes the widening of Zero Street (Hwy 255) to a five lane section from just west of Massard Road to its new alignment with Frontier Road. The project is being cost shared with ArDOT, the City of Barling, the Fort Chaffee Redevelopment Authority and the City of Fort Smith. The City's share is \$4.8 million. The construction contract for the project has been awarded and work will begin this fall. (See page 16)

**9. Levee/Bank Stabilization.** This project includes the installation of rip rap along approximately 1600 feet of eroding river bank adjacent to the City's "Rice Carden" levee. With the major flooding on the Arkansas River, this river bank has experienced significant erosion and needs to be stabilized before the erosion encroaches to the toe of the levee. (See pages 17-18)

**10. Major Stormdrain Rehabilitation.** This work includes the installation of a cured in place lining in two major storm sewer lines. Both lines are very deep and have a significant problem of leaking pipe joints which have created numerous sink holes. The first line (Carnall Outfall) varies in size from 60" to 72", averages 20 feet deep and extends 3000 feet from Towson Avenue to the Poteau River. This line runs immediately adjacent to the police department, county jail and under a significant portion of the National Cemetery. (See page 19). The second line is 54" in diameter, averages 20 feet in depth and extends 1000 feet from the J Street pump station to the Arkansas River adjacent to the U.S. Marshals Museum. The work at this location also includes minor joint repairs to six locations along the City's floodwall. These six areas experienced leakage during the Arkansas River flooding in 2019. (See page 20)



**11. May Branch Outfall Culvert Remediation.** This project includes the evaluation and remediation work for the May Branch outfall culvert relating to construction problems and potential FEMA reimbursement for damage from the 2019 Arkansas River flooding. The evaluation recommends replacement of approximately 250 feet of the 12' x 10' box culvert and comprehensive filling of the voids in the soil surrounding the remaining 800 feet of box culvert. (See page 21)

**12. FCRA (Fort Chaffee Redevelopment Authority) Development.** This work includes construction of two additional lanes on Massard Road, completing approximately 5,600 feet of the four lane boulevard section south of Zero Street. The project also includes the installation of a traffic signal at the intersection of Massard Road and McClure Drive. The construction is ongoing and will be completed this fall. (See page 22)

**13. Flooded Residence Buyout Program.** This program is the result of extensive evaluations of the flooding issues on the May Branch and Town Branch drainage basins. However, this buyout program applies city wide and can be used to purchase residential properties that have experienced structure flooding if the cost of the residence/property is less than the cost of public drainage improvements to reduce the flooding. This voluntary buyout program was reviewed and approved by the Street and Drainage Capital Improvement Advisory committee in 2019 including a recommendation to set aside an annual amount of \$250,000 to allow for the purchase of flooded residences. The buyout program applies to residential structure flooding from a city maintained drainage way, easement, street, or right of way. Examples of non-qualifying flood events include structure flooding where the flood source is from neighboring properties, a hillside, groundwater seepage, or the Arkansas River. To date, no properties have been purchased under this program.

**14. Highway 45 widening – Hwy 255 to Hwy 71.** This partnering project with ArDOT is for the widening of Highway 45 between Highway 255 (Zero Street) and Highway 71. The project also includes the installation of traffic signals at the intersections of Highway 45 with Planters Road and Geren Road. This project is a collaboration between the ArDOT, the City of Fort Smith and Sebastian County. ArDOT's cost estimate for the total project is \$16 million. The City and Sebastian County are providing funding in total amounts not to exceed \$4.0 million and \$1.1 million, respectively. ArDOT estimates the project will bid for construction in March 2021. (See page 23)

**15. Railroad Crossing Panels.** This project improves street crossings at railroads through the installation of concrete railroad crossing panels. For 2021, improvements at six railroad crossings along Darby Boulevard are proposed. It is anticipated that the FCRA will cost share 50/50 for these railroad crossing improvements as these tracks are owned by the FCRA. (See page 24)

**17. Update Aerial Mapping.** This project consisted of aerial survey services for the Fort Smith city limits and the extra territorial jurisdictional area south of the city, comprising a total area of 95 square miles. The project included preparing high quality aerial digital photos which are utilized extensively on street and drainage projects. The flyover for the aerial survey was undertaken this past spring and this project is complete.

**20. Indirect and Operating Costs.** This item includes indirect and operating costs associated with the implementation of the street and drainage sales tax capital improvement program. This includes costs encountered by City Engineering, Information and Technology Systems, Finance, Planning and Zoning, City Administration, Human Resources, Purchasing, Internal Audit, Collections, City Clerk, Board of Directors and the Accounting Systems / ERP.