

# CITY OF COMMERCE CITY CIP REPORT: October 2021



# PROJECT PHASES AND GATES

## **Phase 1: Project planning**

- Bond funds obtained and allocated
- Stakeholders identified
- Scope of work defined
- Project schedule and budget established

## **Phase 2: Pre-design and request for proposals**

- Procurement strategy approved
- Proposals and interviews completed
- Consultant selected
- Design start: approval

## **Phase 3: Design**

- Bid packages prepared
- Land acquisition completed
- Bid packages completed
- Stakeholders approve bid packages

## **Phase 4: Construction contract and bid award**

- Bids advertised, received, & tabulated
- Bids v budget reconciled
- Contractor selected
- Construction contract approved

## **Phase 5: Construction**

- Technical submittals approved
- Contractor mobilized
- Construction start approved
- Groundbreaking ceremony held

## **Phase 6: Construction completion**

- Construction monitoring
- Code inspections completed
- Certificate of substantial completion issued
- Ribbon cutting ceremony held

## **Phase 7: Acceptance**

- Final inspection and cleanup completed
- Lien releases obtained
- Warranties received
- Final acceptance issued

# TRADITIONAL PROJECTS



# 88th AVENUE WIDENING

**Project Objective:** Rehabilitate and add safety improvements as needed to 88<sup>th</sup> Avenue to allow for better and safer traffic flow.

**Project Scope:** This is a multi-year project. Improvements will include a raised median, curb, gutter, sidewalks, and a new bridge over the FRICO canal on 88<sup>th</sup> Ave. The project will widen 88<sup>th</sup> Avenue to a four-lane arterial from I-76 to Rosemary, and to a local industrial from Rosemary to Highway 2.

**Project Budget:** \$3,333,842.15

**Current Phase:** Construction contract and bid award (phase 4 of 7)

## Major Monthly Progress:

- Staff submitted an application for a Rebuilding America Infrastructure with Sustainability and Equity grant to help fund construction. However, staff has been informed that this project does not qualify for the scope of the grant.
- CDOT signed the Environmental Assessment and the Finding of No Significant Impact Report.
- Staff anticipates preliminary design work will be complete by the end of Q4 2021, pending a minor amendment of the intergovernmental agreement with CDOT to accommodate for right-of-way acquisition.

2021	2021	2021	2021	2022	2022	2022	2022	2023	2023	2023	2023	
Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	
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◆	2021 phase completion
◆	Anticipated completion



# 120<sup>th</sup> AVENUE CHAMBERS TO BUCKLEY

**Project Objective:** Widen and improve 120<sup>th</sup> Avenue from Chambers Road to Buckley to allow for better and safer traffic flow.

**Project Scope:** This project will be governed by an intergovernmental agreement with Buffalo Run metro district, and the City will be responsible for improvements on the north half of the road.

**Project Budget:** \$1,110,560.00

**Current Phase:** Project planning (phase 1 of 7)

## Major Monthly Progress:

- The signal warrant analysis and potential design for a traffic signal design at 120<sup>th</sup> and Cameron Drive have been completed. The findings do not meet the necessary criteria to warrant a traffic signal.
  - Staff would consider installing a traffic signal at 117<sup>th</sup> and Chambers as an alternative location. The issue of residents trying to go west on 120<sup>th</sup> Avenue will be addressed after the intersection at 120<sup>th</sup> and Chambers is upgraded.
- The future location of the sanitary sewer line has been determined, and the work will add approximately \$1.5M to the overall project budget.
  - Staff, the developer, and Adams County are working to determine how to secure the additional financing necessary for the relocation of the sanitary line.
- A draft intergovernmental agreement with the metro district will be presented to Council in Q4 2021.

2021	2021	2021	2021	2022	2022	2022	2022	2023	2023	2023	2023	
Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	
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◆	2021 phase completion
◆	Anticipated completion



# DAHLIA STREET IMPROVEMENTS

**Project Objective:** Reconstruct and widen Dahlia Street from 74<sup>th</sup> Avenue to 69<sup>th</sup> Avenue for better and safer traffic flow.

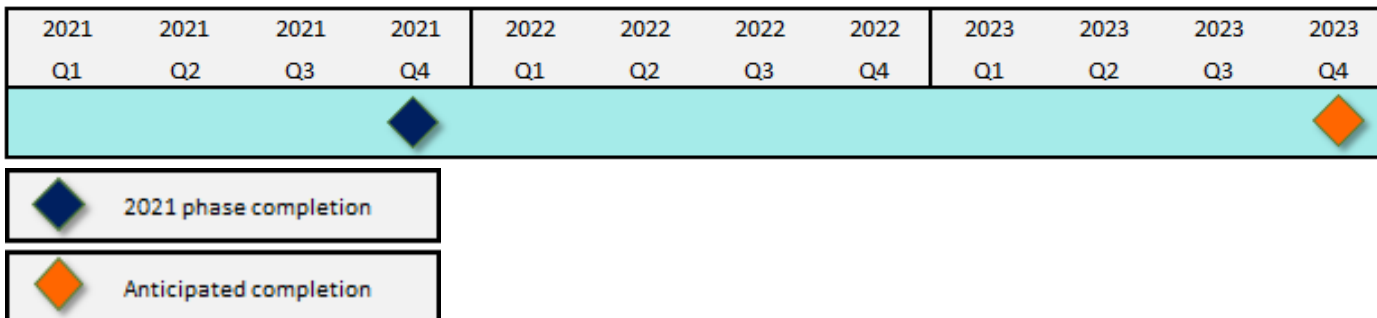
**Project Scope:** This project is a contribution to an Adams County project to improve Dahlia Street.

**Project Budget:** \$1,000,000.00

**Current Phase:** Design (phase 3 of 7)

## Major Monthly Progress:

- This project is being driven by Adams County. Design of the improvements will occur through the remainder of 2021, while final design, right-of-way acquisition, and phased construction will occur in 2022. Construction of a portion of Dahlia outside of the City limits and separate from this project scope is underway. Construction for this segment will not begin until 2023.
- Staff attends regular meetings with Adams County to monitor the progress of design work.



# IRONDALE NEIGHBORHOOD PLAN QUICK ITEMS

**Project Objective:** Implement the vision for Irondale’s future to help guide growth and change in the neighborhood and make sure the right improvements happen in the right order.

**Project Scope:** Pave streets and purchase property to implement the Irondale Drainage Master Plan.

**Project Budget:** \$1,245,487.80

**Current Phase:** Pre-design and request for proposals (phase 2 of 7)

## Major Monthly Progress:

- Two potential properties acceptable for drainage were reviewed by Respec and HDR. The City Council approved the purchase of one property to be used for regional detention. The City will also need to purchase the second property in 2022.
  - The City has entered into an IGA with MHFD to design a new drainage system for the Irondale Neighborhood.
  - Staff received direction to pursue purchasing a third property needed for drainage during a July study session. Staff and the property owner are negotiating terms of purchase.
  - The negotiations with SACWSD and other property owners for a land swap for drainage are ongoing.

2021	2021	2021	2021	2022	2022	2022	2022	2023	2023	2023	2023
Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
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<div style="display: flex; align-items: center;"> <span style="color: orange; font-size: 2em; margin-right: 5px;">◆</span> Anticipated completion                 </div>											



# NEW SKATEBOARD PARK AT TURNBERRY

**Project Objective:** Enhance the Turnberry Neighborhood Park by constructing a new skateboard park for youth to use after school and on weekends.

**Project Scope:** Construction of a new skateboard park at Turnberry Park.

**Project Budget:** \$175,000.00

**Current Phase:** Acceptance (phase 7 of 7)

## Major Monthly Progress:

- Concrete has been poured, flatwork completed, grind rail installed, landscaping installed, and steel inspected.
- This project is complete and will be deleted in the next iteration of this report.

2021	2021	2021	2021	2022	2022	2022	2022	2023	2023	2023	2023
Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
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◆	2021 phase completion										
◆	Anticipated completion										





# ROSEMARY STREET WIDENING

**Project Objective:** Widen Rosemary Street to an arterial roadway section from 80<sup>th</sup> Avenue to 88<sup>th</sup> Avenue to allow for better and safer traffic flow.

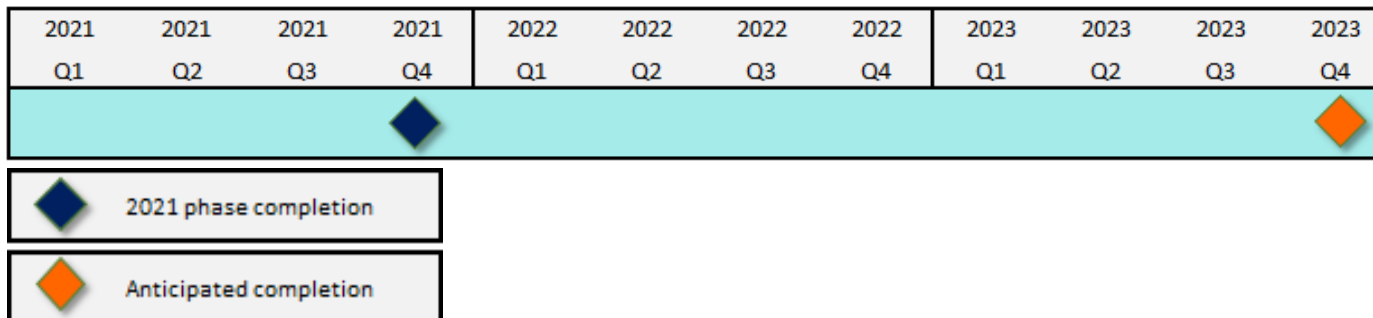
**Project Scope:** The design will include a 4-lane road from 88th Ave to 85th Ave where the road will taper to a 3-lane roadway including one lane in each direction and a wider median turn lane. It also includes a 6' sidewalk and an 8'-10' multiuse trail running the length of Rosemary Street.

**Project Budget:** \$1,996,355.00

**Current Phase:** Design (phase 3 of 7)

## Major Monthly Progress:

- Right-of-way acquisitions approved by Council and acquisitions are anticipated to be complete by the end of 2021.
  - Staff is working with impacted property owners to obtain the necessary easements for work on private land, but several owners have sent letters of denial.
  - The request for proposals will be posted after required right-of-way has been acquired.
- Xcel Energy's overhead utility undergrounding work has begun.
- The new stormwater design is being prepared.



# TURNBERRY OUTFALL

**Project Objective:** Construct a discharge point for the Turnberry pond to control stormwater runoff.

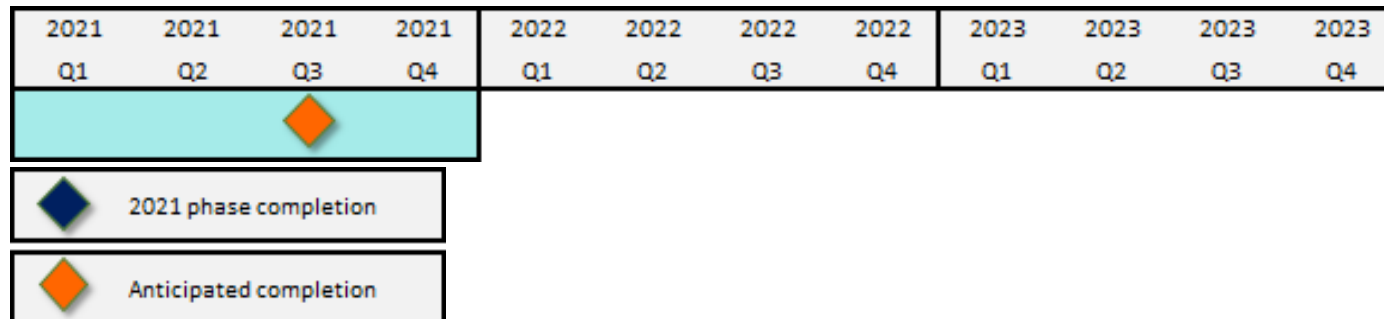
**Project Scope:** This project will construct an outfall system for the Turnberry pond.

**Current Phase:** Construction (phase 5 of 7)

**Project Budget:** \$1,500,000.00

## Major Monthly Progress:

- Project completion has been delayed due to the need to lower the outfall by nine inches, but this work is underway.



# US 85/VASQUEZ IMPROVEMENTS

**Project Objective:** Construct Vasquez Boulevard improvements from 60th Avenue to 64th Avenue to improve the functionality and safety of the US 85/Vasquez intersection and corridor.

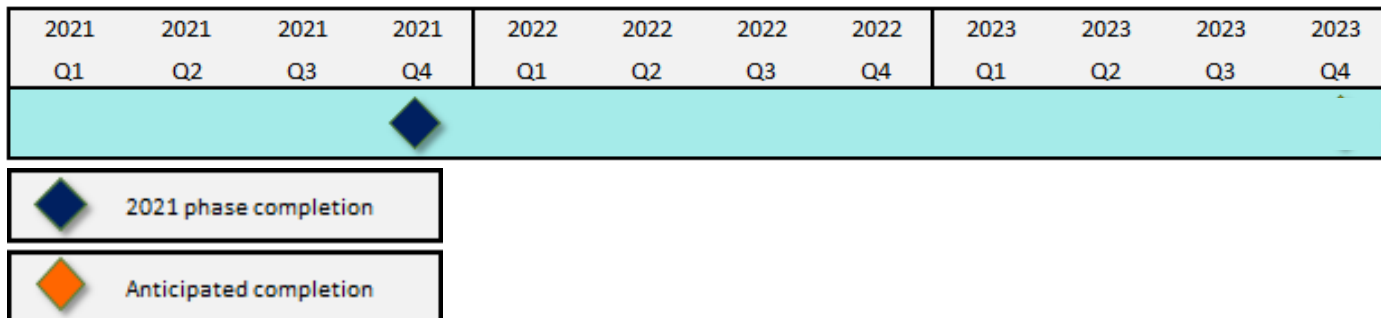
**Project Scope:** This project is being done in coordination with CDOT. The project will construct Vasquez Boulevard improvements from 60<sup>th</sup> Avenue to 64<sup>th</sup> Avenue.

**Project Budget:** \$2,500,000.00

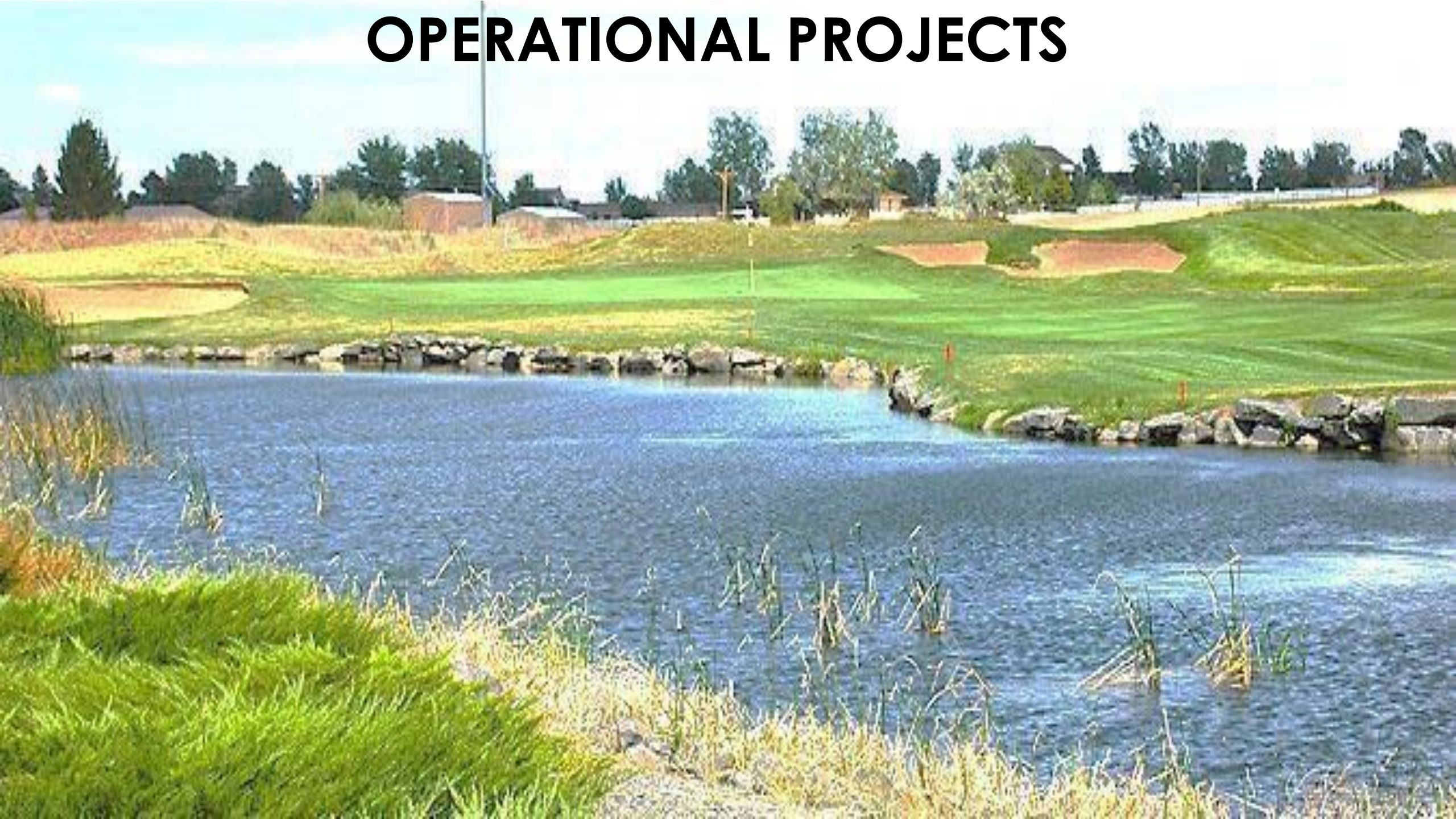
**Current Phase:** Project planning (phase 1 of 7)

## Major Monthly Progress:

- CDOT is moving forward with the Modified Traditional Intersection concept. The Planning Environmental Linkages (PEL) was completed in August of 2018 and CDOT is currently working through the NEPA process. Once complete, staff will advance the modified traditional intersection to final design.
- CDOT submitted a grant application to help fund the I-270 project, but the grant was not awarded to this project.
- City Council approved the intergovernmental agreement with Adams County for the I-270 project in September.
- Staff attended a scoping meeting to discuss the intersections at Vasquez/60<sup>th</sup> and Vasquez/62<sup>nd</sup> in September and October. The project scope is still a topic of discussion.
- Staff is scheduling meetings with impacted property owners.



# OPERATIONAL PROJECTS



# 104<sup>th</sup> AVENUE TRAFFIC SIGNALS

**Project Objective:** Install six new traffic signals that have become warranted as a result of increased traffic flow.




**Project Scope:** This project will install new traffic signals with flashing yellow arrows at five intersections along 104<sup>th</sup> Avenue, and one signal at the intersection of E-470 and 120<sup>th</sup> Avenue.

**Project Budget:** \$2,552,006.27

**Current Phase:** Acceptance (phase 7 of 7) for E-470/120<sup>th</sup> Avenue. Acceptance (phase 7 of 7) for Peoria and Idalia.

**Major Monthly Progress:**

- All of the signals are operational. This project will be removed in the next iteration of this report.

2021	2021	2021	2021	2022	2022	2022	2022	2023	2023	2023	2023
Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
											
 2021 phase completion											
 Anticipated completion											



# ADA COMPLIANCE

**Project Objective:** Bring Parks, Recreation, and Golf facilities and amenities into ADA compliance.




**Project Scope:** Conduct an ADA audit to identify and implement improvements needed to update site improvements and equipment at Buffalo Run

**Project Budget:** \$100,000.00

**Current Phase :** This is a non-construction project that does not follow the traditional phasing schedule

**Major Monthly Progress:**

- The Risk Manager and PRG staff are working together to prioritize projects based on the recent ADA audit.
  - The original scope of work for this project is complete. However, staff will continue to provide monthly updates to Council to track the ADA improvements.

2021	2021	2021	2021	2022	2022	2022	2022	2023	2023	2023	2023
Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
											
 2021 phase completion											
 Anticipated completion											



# BUFFALO RUN GOLF COURSE IRRIGATION

**Project Objective:** The irrigation system is at the end of its useful life and must be replaced to allow maintenance staff to keep the course in acceptable condition.

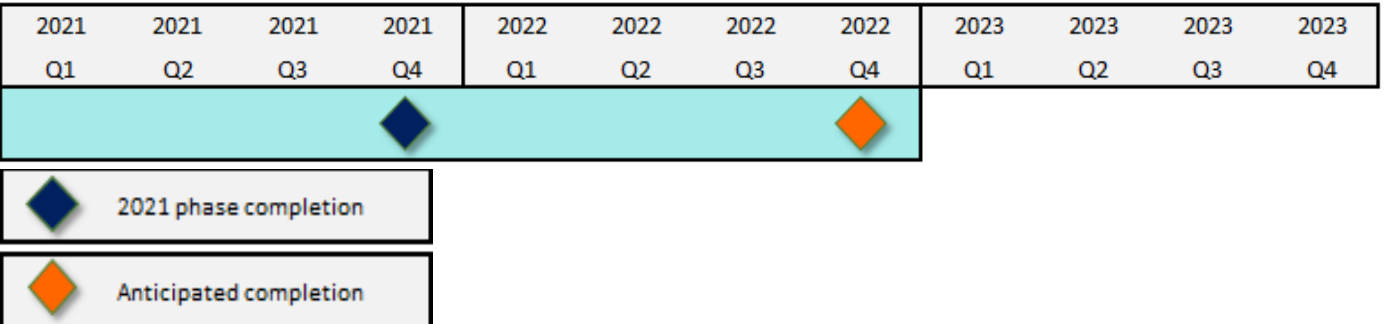
**Project Scope:** This project includes the design and subsequent installation of a new irrigation system at Buffalo Run Golf Course.

**Project Budget:** \$140,000.00

**Current Phase:** Construction contract and bid award (phase 4 of 7)

**Major Monthly Progress:**

- Staff and the design consultant are reviewing bids received for construction.
  - The design work for the new irrigation system is finished and staff is preparing to publish the request for proposals.
- Construction of the new irrigation system will begin in 2022.



# COMPREHENSIVE PLAN

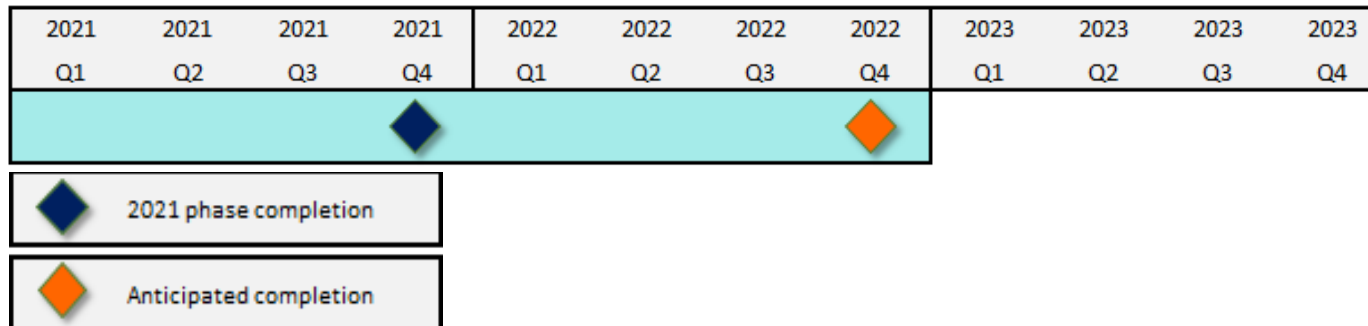
**Project Objective:** Update the community's vision, goals, and policies to help guide development and investment decisions.

**Project Scope:** The comprehensive plan update will also include updates to the transportation plan, parks, recreation, and golf master plan, economic development plan, and a long-range facilities planning effort.

**Current Phase:** This is a non-construction project that does not follow the traditional phasing schedule.

## Major Monthly Progress:

- A Study Session focusing on mixed-use land designations related to the Comprehensive Plan and Planned Unit Developments is scheduled for November 22.
  - Staff will present the Existing Conditions Report, Vision Statement, and Future Land Use Designations at multiple Study Sessions this winter, and will request Council's feedback on these items.
- Staff is working with GIS, Adams County, and other surrounding jurisdictions to review the boundaries for the Comprehensive Plan's base map.





# DERBY AREA LIGHTING

**Project Objective:** Improve lighting and make the Derby Downtown District safer and more welcoming.

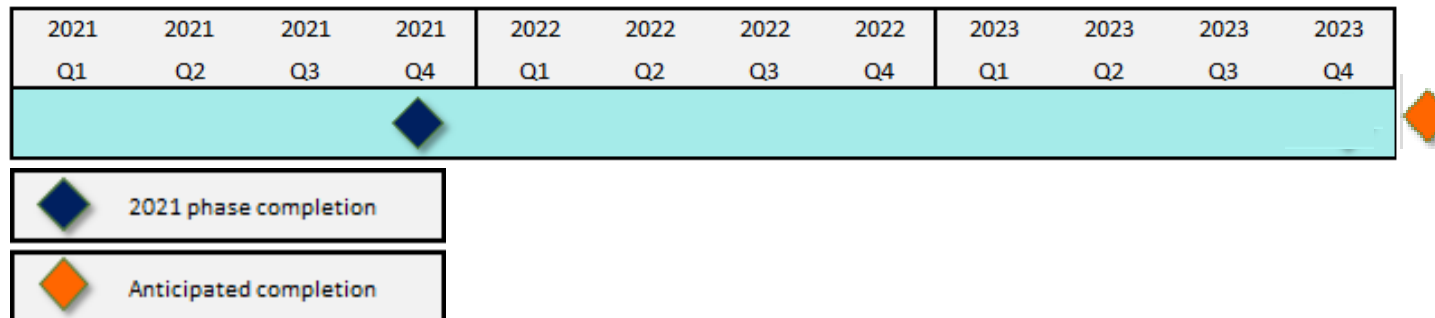
**Project Scope:** This project will consider the possibility of using solar power for existing and new area lighting poles and will be done in cooperation with SouthAddams County Water and Sanitation District's five-year plan.

**Project Budget:** \$200,000.00

**Current Phase:** This is a non-construction project that does not follow the traditional phasing schedule.

## Major Monthly Progress:

- Staff is working with Xcel Energy to determine the cost for undergrounding.
  - Based on Xcel's current workload, undergrounding will likely not occur until late 2022. This work will require extensive coordination with the City, Xcel, Century Link, businesses, and residents.
- Staff is exploring options to fund the installation of the lighting, which will not occur until Xcel has finished their work in the area.
- Based on feedback received from the CCURA Board, staff reached out to Xcel to inquire about the cost of purchasing their renewable energy. While Xcel does not have a renewable energy grid, staff is working with a project engineer to determine if the City is close enough to an existing Community Solar Garden or if we will need to install our own solar panels.



# DERBY ENTRYWAY SIGNAGE

**Project Objective:** Help direct visitors to destination in Derby and contribute to the area's unique identify within Commerce City.

**Project Scope:** This project will install a new Derby entryway sign.

**Project Budget:** \$50,000.00

**Current Phase:** Design (phase 3)

## Major Monthly Progress:

- A landscape plan has been completed and staff is working with the sign fabricator to create a plan for installation.
  - Installation cannot occur until the source for solar energy has been determined. This challenge has caused a delay in the project timing and the below timeline. Staff will update the project timeline after additional conversations with Xcel have been held.
- The sign will be installed prior to or in tandem with the new, future light poles for the downtown district.
- The preferred sign fabricator has updated their design based on the direction provided from the CCUA Board. The updated image is included on the next slide.

2021	2021	2021	2021	2022	2022	2022	2022	2023	2023	2023	2023
Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
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# FIRST CREEK OUTFALL SYSTEM PLAN

**Project Objective:** First Creek needs be restudied as soon as possible to more accurately assess the flood risk associated with the creek.

**Project Scope:** Participate in the study of First Creek and update the City-wide drainage manual.


**Project Budget:** \$70,000.00

**Current Phase:** This is a non-construction project that does not follow the traditional phasing schedule.

## Major Monthly Progress:

- Staff received a copy of the initial floodplain study and results that show the floodplain has expanded east of US-85.
- The complete study will take two years and will include an engineering analysis of the impact of the proposed encroachment during a 100-year storm.

2021	2021	2021	2021	2022	2022	2022	2022	2023	2023	2023	2023
Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
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 2021 phase completion

 Anticipated completion



# RAILROAD INTELLIGENT TRANSPORTATION

**Project Objective:** Improve the functionality of major railroad crossings in Commerce City by alerting residents of delays.

**Project Scope:** Install dynamic message signage and train notification systems at five Union Pacific Railroad crossings west of Highway 2.

**Project Budget:** \$398,100.00

**Current Phase:** This is a non-construction project that does not follow the traditional phasing schedule.

## Major Monthly Progress:

- Staff received the reports for the crossings at 104<sup>th</sup>, 112<sup>th</sup>, 120<sup>th</sup>, 96<sup>th</sup>, 72<sup>nd</sup>, and 88<sup>th</sup> Avenues . TRAINFO has recommended that the City utilize Bluetooth messages to redirect traffic, but this is not a viable solution because of the technological challenges related to cell and Bluetooth coverage that were experienced throughout the study period. In addition, the consultant recommended other invalid proposes strategies that are not viable, including detour routes and U-turns that would not be sustainable in the field.
  - The data collected from this project will be usable for future grant applications.
- Staff is going to pursue other solutions, including coordination with other municipalities with railroad crossings, and this project will not appear in the next iteration of the report.

2021	2021	2021	2021	2022	2022	2022	2022	2023	2023	2023	2023
Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
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◆	2021 phase completion
◆	Anticipated completion



# PRESERVATION PROJECTS



# 27J & RAGWEED DRAW BALLFIELDS PROJECT

**Project Objective:** Help the 27J School District maintain their existing ballfields to meet City standards and allow programs to be adequately serviced.

**Project Scope:** This project will construct five new ballfields and cleanup of three existing fields. The sites for the new fields are Turnberry Elementary School, Stuart Middle School, Second Creek Elementary School, and Ragweed Draw (two fields on City property). All ballfields will include an infield, backstops, player benches, and site furnishings.

**Project Budget:** \$500,000.00

**Current Phase:** Construction contract and bid award (phase 4 of 7)

**Major Monthly Progress:**

- Construction drawings have been received and are under review.
- Staff is working with SACWSD to discuss potential water tap modifications to increase efficiency to the overall irrigation system.

2021	2021	2021	2021	2022	2022	2022	2022	2023	2023	2023	2023
Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
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◆ Anticipated completion											



# BRIGHTON ROAD RECONSTRUCTION

**Project Objective:** Reconstruct and widen Brighton Road in phases between E. 112<sup>th</sup> Avenue and E. 104<sup>th</sup> Avenue to allow for better and safer traffic flow

**Project Scope:** 1.2 miles of road will be reconstructed with new asphalt, road shoulders, turn lanes, additional safety improvements, and a new bridge over the Fulton Ditch.

**Project Budget:** \$2,420,780.91

**Current Phase:** Construction (phase 5 of 7)

## Major Monthly Progress:

- Phase 1 near First Creek is complete; paving for phase 2 is complete; the asphalt removal for phase 3 is complete, reconstruction for phase 4 is complete, and bridge work over the Little Burlington Ditch will be complete by early February 2022.
  - Separate from the original scope, CDOT will likely require the City to install a temporary left turn lane to support the new signal at Brighton and 104<sup>th</sup> Avenue.
- The City has received the \$2 million from Adams County.

2021	2021	2021	2021	2022	2022	2022	2022	2023	2023	2023	2023	
Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	
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◆ 2021 phase completion												
◆ Anticipated completion												





# CORE CITY SIGNAL EVALUATION

**Project Objective:** Continue to address signal functionality within the Core City.

**Project Scope:** This project will evaluate the condition of the Core City signals.

**Project Budget:** \$100,000.00

**Current Phase:** Acceptance (phase 7 of 7)

## Major Monthly Progress:

- The original contract work for 2012 is complete, staff added the following projects to the scope: paint poles, replace the pole at 56<sup>th</sup> and Monaco, replace the pole at 56<sup>th</sup> and Dahlia, and repair bolts at 60<sup>th</sup> and Holly and 62<sup>nd</sup> and Holly. Staff has also asked for a price quote to evaluate the signals in the northern range.

2021	2021	2021	2021	2022	2022	2022	2022	2023	2023	2023	2023
Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
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◆ 2021 phase completion											
◆ Anticipated completion											



# MONACO PARK RENOVATION

**Project Objective:** Renovate and update Monaco Park.

**Project Scope:** This is one of the major Parks, Recreation, and Golf Preservation projects for 2021. The project will include replacement of the large shelters and playground/pedestrian lighting. Staff is also working to expand the scope to potentially include inclusive play equipment, reconstruction of the basketball court, new amenities on the south end of the park, and better conditions throughout the park area.

**Project Budget:** \$250,000.00

**Current Phase:** Construction contract and bid award (phase 4 of 7)

## Major Monthly Progress:

- The Parks Planner presented this project to the Adams County Open Space Board. The Board recommended the project has been awarded the \$960,000 grant.
  - The RFP has been approved by legal and the RPF will be posted soon.

2021	2021	2021	2021	2022	2022	2022	2022	2023	2023	2023	2023
Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
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◆	2021 phase completion
◆	Anticipated completion



# PAVEMENT MANAGEMENT

**Project Objective:** Annual roadway maintenance project identifies routine, preventative, and corrective maintenance procedures.

**Project Scope:** The multi-year plan focuses on roadways with pavement condition index less than 70.

**Project Budget:** \$1,726,201.23

**Current Phase:** Construction (phase 5 of 7)

## Major Monthly Progress:

- Work in Irondale and the Core City is complete and is listed on the next slide.
- Work along 96th Avenue is complete.
- Work in the Reunion area is complete.
- Work along 49<sup>th</sup> and 52<sup>nd</sup> is complete.
- Reconstruction along 88<sup>th</sup> Avenue is complete, and Jasmine Street work is underway.

2021	2021	2021	2021	2022	2022	2022	2022	2023	2023	2023	2023
Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
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◆ 2021 phase completion											
◆ Anticipated completion											



# PAVEMENT MANAGEMENT

## **Core City and Irondale:**

- Yosemite Street - 87th Ave to 88th Ave
- 88th Ave to 90th Ave
- 89th Avenue - Yosemite St to end of street
- 90th Avenue - Yosemite St to end of street
- 82nd Avenue - Quebec St to Rosemary St
- 83rd Avenue - Rosemary St to Ulster St
- 86th Avenue - Willow St to Xanthia St
- 87th Avenue - Willow St to Xenia St
- Quebec Street - 82nd Ave to 82nd Pl
- Quebec Street - 84th Ave to 86th Ave
- Valentia Street - 85th Ave to 86th Ave
- Xenia Street - 87th Ave to 88th Ave
- Holly Street - 69th Ave to end of street
- 64th Place - Kearney St to Monaco St
- 64th Place - Porter Way to Poplar St
- 65th Place - Porter Way to Quebec St
- 66th Avenue - Pontiac St to Quebec St
- 66th Way - Glencoe St to Holly St
- 69th Avenue - Dahlia St to Holly St
- Glencoe Street - 65th Way to 66th Way
- Ivanhoe Street - 71st Place to end of street
- Pontiac Street - 64th Ave to 66th Ave
- Poplar Street - 63rd Ave to 66th Ave
- Porter Way - 64th Ave to 66th Ave
- 72nd Avenue - Fairfax Dr to Kearney St

