

CITY OF COMMERCE CITY CIP REPORT: August 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 88th 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 88th Ave. The project will widen 88th 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:

- City Council approved the resolution for staff to negotiate the contract for final design and preconstruction activities with EST Inc.
 - The kickoff meeting for design occurred at the end of July. Minimal changes to the current design are anticipated.
- Staff submitted an application for a Rebuilding America Infrastructure with Sustainability and Equity grant to help fund construction. If awarded, the grant will total approximately \$25M.
- CDOT signed the Environmental Assessment.
- The Finding of No Significant Impact Report is expected to be ready in Q3 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



120th AVENUE CHAMBERS TO BUCKLEY

Project Objective: Widen and improve 120th 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 120th 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 117th and Chambers as an alternative location. The issue of residents trying to go west on 120th Avenue will be addressed after the intersection at 120th 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	
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◆	2021 phase completion
◆	Anticipated completion



DAHLIA STREET IMPROVEMENTS

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

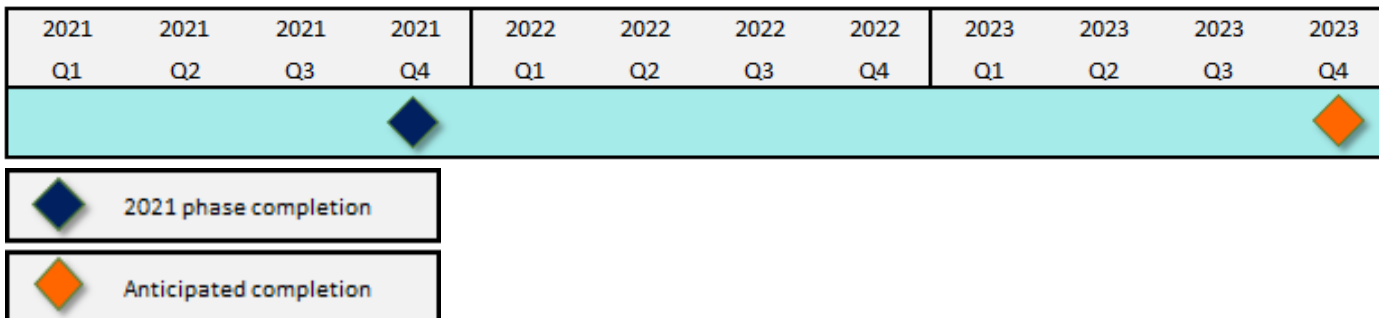
Project Scope: This project is a contribution to an Adams County project to improve Dahlia Street.

Project Budget: \$1,000,000.00

Current Phase: Design (phase 3 of 7)

Major Monthly Progress:

- Staff received a schedule from Adams County. Design and some construction of the improvements will occur through the remainder of 2021, while final design, right-of-way acquisition, and phased construction will occur in 2022.
- The project is anticipated to be completed by June 1, 2023.



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. An offer letter was sent to the property owner in early September.
 - 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
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◆	2021 phase completion
◆	Anticipated completion



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

Major Monthly Progress:

- Concrete has been poured, flatwork completed, and the steel inspection occurred in early September.

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											
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ROSEMARY STREET WIDENING

Project Objective: Widen Rosemary Street to an arterial roadway section from 80th Avenue to 88th 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:

- Mile High Flood District grants are expected to be available in 2021-2025 for the drainage portion of this project.
 - Staff decided to relocate the drainage system in order to avoid the need to obtain an easement from a property owner.
- 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.
- Xcel Energy's staff is overbooked on various projects and anticipates that undergrounding for the street lighting plan will begin in September 2021.

2021	2021	2021	2021	2022	2022	2022	2022	2023	2023	2023	2023	
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◆	2021 phase completion
◆	Anticipated completion



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:

- Staff posted a press release to inform residents about the project and who to contact with project questions or concerns.
- Staff and the developer conducted an onsite walkthrough and determined that the contractor will the move storm sewer piping under the asphalt path to avoid utility conflicts.
- Staff received bids for landscape and has selected a contractor. The contractor has installed a pump to remove standing water in the pond to allow for grading to occur.
- A proposal to lower the outfall has been submitted.
- The Curt Holland sign was reinstalled in late August.

2021	2021	2021	2021	2022	2022	2022	2022	2023	2023	2023	2023
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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 60th Avenue to 64th Avenue.



Project Budget: \$2,500,000.00

Current Phase: Project planning (phase 1 of 7)

Major Monthly Progress:

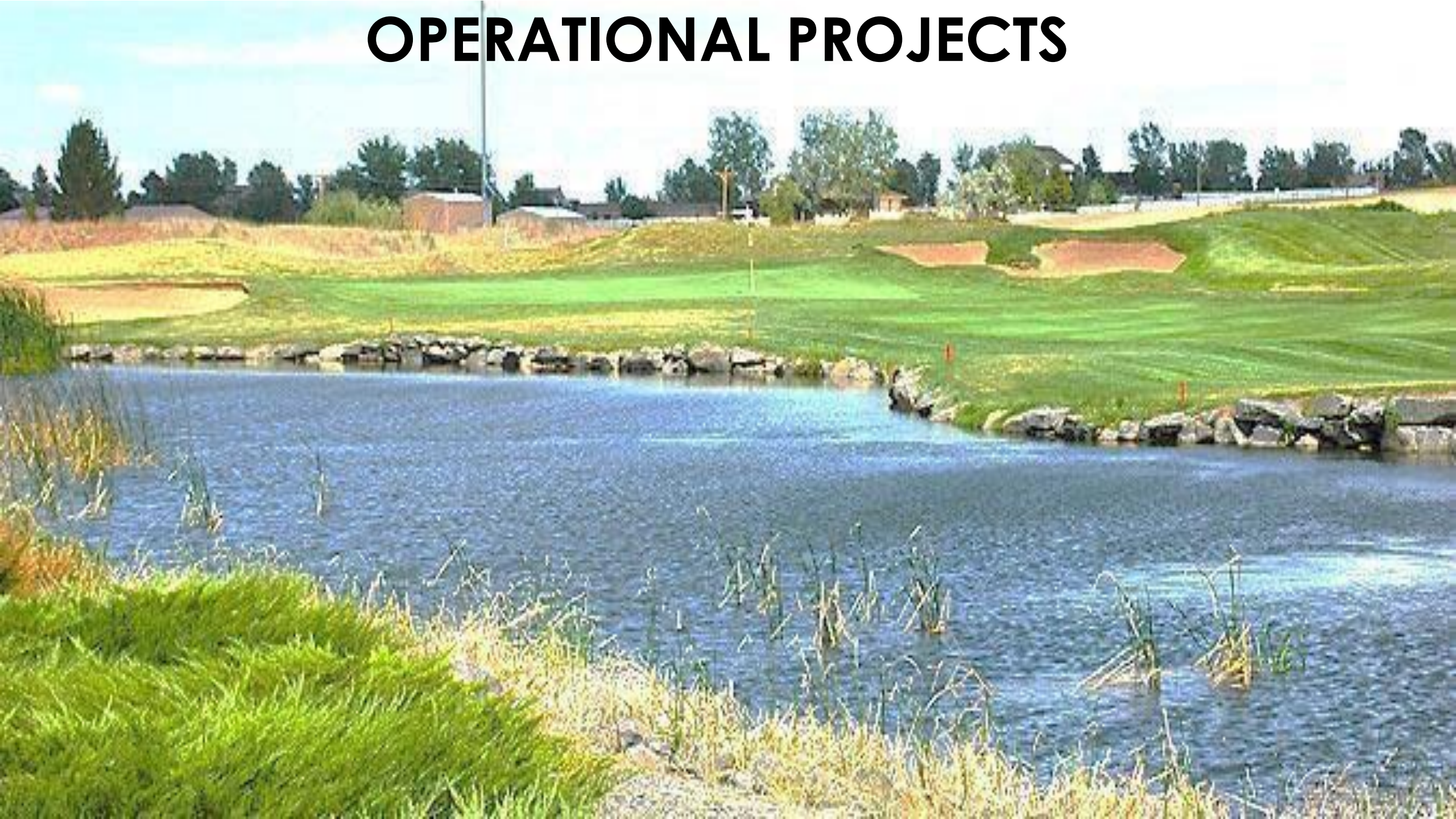
- CDOT is moving forward with the Modified Traditional Intersection concept. The Planning Environmental Linkages (PEL) was completed in August of 2018 and CDOT is currently working through the NEPA process. Once complete, staff will advance the modified traditional intersection to final design.
- CDOT submitted a grant application to help fund the I-270 project, but the grant was not awarded to this project.

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



OPERATIONAL PROJECTS



104th 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 104th Avenue, and one signal at the intersection of E-470 and 120th Avenue.

Project Budget: \$2,552,006.27

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

Major Monthly Progress:

- The signals at Peoria and Idalia are fully operational.
- The contractor is working to resolve ongoing issues with the detection system for the signal at E-470 and 120th Avenue.
- Signal timing has been modified along the corridor to increase the flow of traffic and reduce overall travel time.

2021	2021	2021	2021	2022	2022	2022	2022	2023	2023	2023	2023
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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: Design (phase 3 of 7)

Major Monthly Progress:

- The Risk Manager and PRG staff are working together to prioritize projects based on the recent ADA audit.

2021	2021	2021	2021	2022	2022	2022	2022	2023	2023	2023	2023
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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.

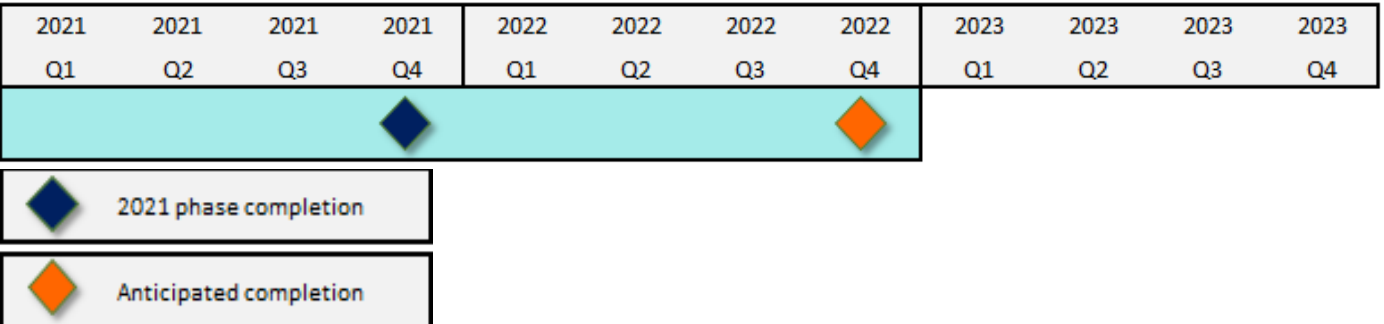
Project Scope: This project includes the design and subsequent installation of a new irrigation system at Buffalo Run Golf Course.

Project Budget: \$140,000.00

Current Phase: Design (phase 3 of 7)

Major Monthly Progress:

- Staff received responses on the request for proposals and has signed a contract for the design.
 - 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

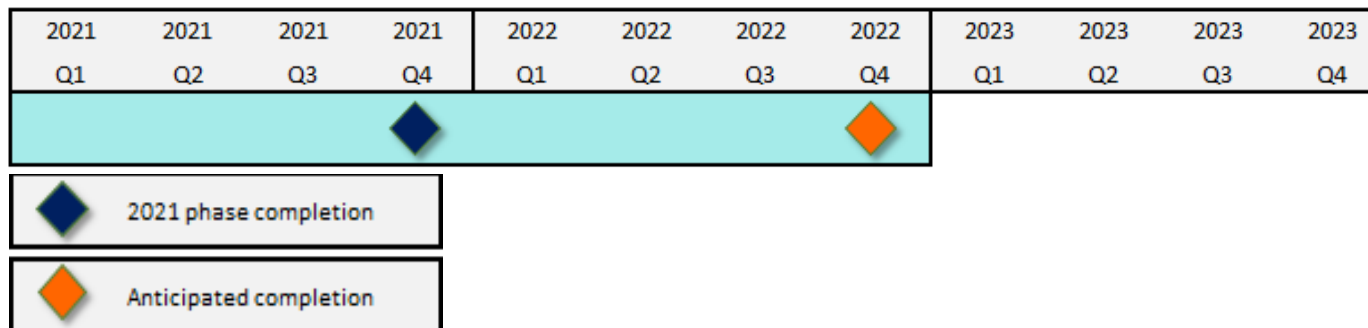
Project Objective: Update the community's vision, goals, and policies to help guide development and investment decisions.

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:

- The Existing Conditions Report is being finalized. Once complete, the report will be presented to City Council and the Planning Commission.
- Staff conducted additional outreach at the City's Concert in the Park Series, and held a listening session with Cultivando.
- The Adams County Comprehensive Plan Update and recent Urban Land Institute Study for the 72nd Ave RTD Station may be incorporated into the Comprehensive Plan update.
- Staff is working to identify subareas that will be presented during neighborhood charrettes.



DERBY AREA LIGHTING

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

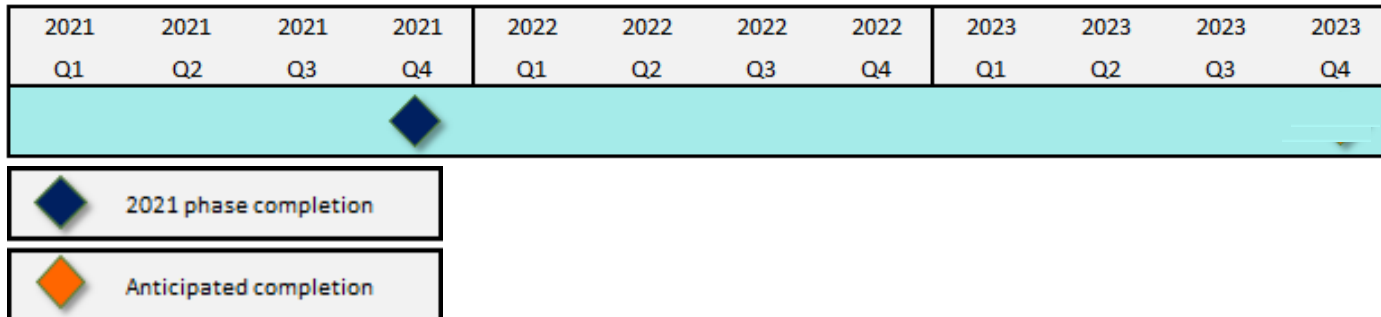
Project Scope: This project will consider the possibility of using solar power for existing and new area lighting poles and will be done in cooperation with SouthAddams County Water and Sanitation District's five-year plan.

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 mid or late 2022. This work will require extensive coordination with the City, Xcel, Century Link, businesses, and residents,
 - Staff is collaborating with SACWSD on a joint public outreach effort for residents and business owners to let them know about the infrastructure work that SACWSD will be doing, electrical overhead undergrounding locations, and new lighting locations.
- Staff is exploring options to fund the installation of the lighting, which will not occur until Xcel and SACWSD have finished their work in the area.
- Based on feedback received from the CCURA Board, staff has reached out to Xcel to inquire about the cost of purchasing their renewable energy.



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 site plan and landscaping plan are needed before staff can proceed with installation and staff is drafting a targeted RFP that will cover both plans.
 - Staff is drafting a concept plan for the RFP.
- Based on feedback received from the CCURA Board, staff has reached out to Xcel to inquire about the cost of purchasing their renewable energy through the energy provider.
- 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
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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:

- TRAINFO is working with the City to obtain grant funding from DRCOG for impacted crossing traffic improvements.
- The first study for crossings at 104th, 112th, and 120th is complete and staff received the initial report. The second study that will cover 96th, 72nd, and 88th Avenues will begin in July and is due in early September 2021.
 - The first report was received and staff will be able to better interpret the results after the second report has been received. The assumption is that TRAINFO will recommend the City install variable message boards to redirect traffic.
 - There is an ongoing concern that the technological challenges from cell and Bluetooth coverage will continue to be a problem for any solution recommended by TRAINFO. Staff will proactively contact the cell phone providers to see if the challenge can be mitigated without significant, additional investment.

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:

- Staff and 27J are negotiating the maintenance agreement and construction contract for the ballfields, and the project will go out to bid soon.
- 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
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◆	2021 phase completion
◆	Anticipated completion



BRIGHTON ROAD RECONSTRUCTION

Project Objective: Reconstruct and widen Brighton Road in phases between E. 112th Avenue and E. 104th 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.

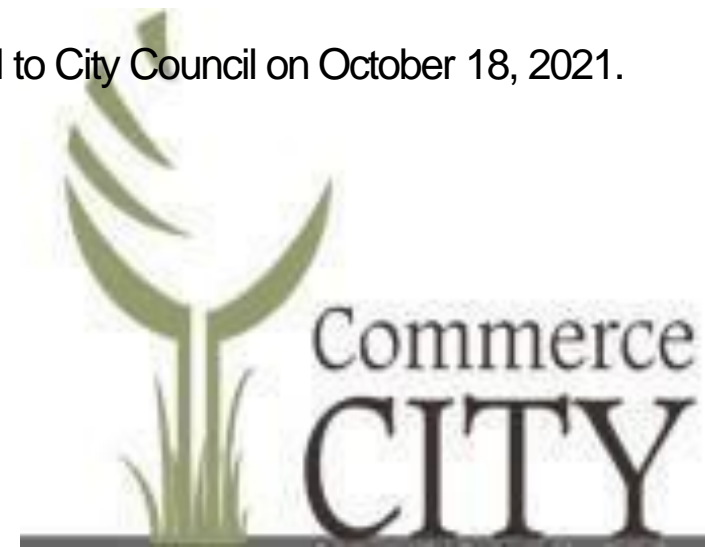
Project Budget: \$2,420,780.91

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 design is underway with an anticipated design completion date of Q4 2021.
 - 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 104th Avenue.
- The City has received the \$2 million from Adams County.
- Staff posted the request for proposals and bids are due in early October. The responses will be presented to City Council on October 18, 2021.

2021	2021	2021	2021	2022	2022	2022	2022	2023	2023	2023	2023
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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, but staff has asked the contractor to bid on replacing damaged poles located at 56th and Monaco, 6th and Monaco Pole, 56th and Dalia, and to repair bolts at 60th and Holly, and 62nd and Holly.
- Staff received the signal evaluation report on March 31 and is in the process of reviewing the data. Staff has updated the CIP five year plan based on this data.

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

- Staff received bids from three design firms to draft a rough conceptual design and provide a quote for design services.
- 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.
 - Staff is drafting the RFP for design.
 - The project will include a public outreach component.

2021	2021	2021	2021	2022	2022	2022	2022	2023	2023	2023	2023
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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 49th and 52nd is complete
- The reconstruction along 88th Avenue and Jasmine Street will occur later in the summer.

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											
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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

