

CITY OF COMMERCE CITY CIP REPORT: January 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

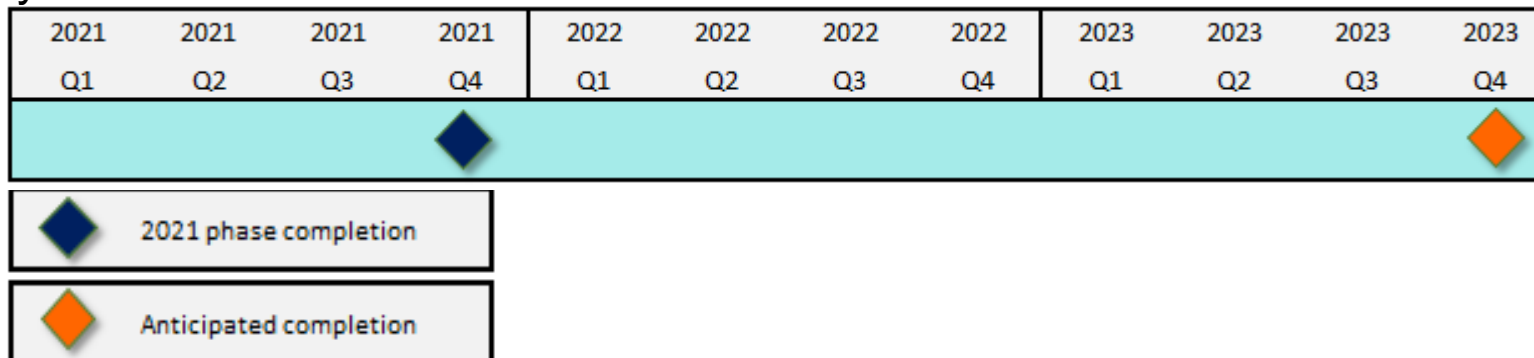
Project Objective: Rehabilitate and add safety improvements as needed to 88th Avenue to allow for better and safer traffic flow.

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.

Current Phase: Design (phase 3 of 7)

Major Monthly Progress:

- CDOT and FHWA have reviewed the bridge design alternatives and concluded that the span bridge will be the least harmful to the historic nature of the bridge and Ditch Rider Road.
 - This will add an additional \$900K to the project, but will allow for the project to be completed sooner
 - Adams County will contribute \$1M to the bridge,
- Staff has begun to draft the Intergovernmental Agreement for the 90% design with CDOT. The IGA will go before City Council in March.



112th AVENUE CHAMBERS TO PARKSIDE

Project Objective: Reconstruct and widen 112th Avenue from Chambers Road to Parkside to allow for better and safer traffic flow.

Project Scope: Improvements will include the installation of culvert below 112th Avenue and construction of a detention pond.

Current Phase: Construction monitoring (phase 6 of 7)

Major Monthly Progress:

- All paving and striping work have been completed, street signs are installed, and the new traffic signals are now operational.
 - The project is substantially done. Staff is working to resolve an outstanding lighting issue, and landscaping along 112th Avenue will be finished after winter
- The Adams County Board has approved the Intergovernmental Agreement to contribute funds.

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										



120th AVENUE CHAMBERS TO BUCKLEY

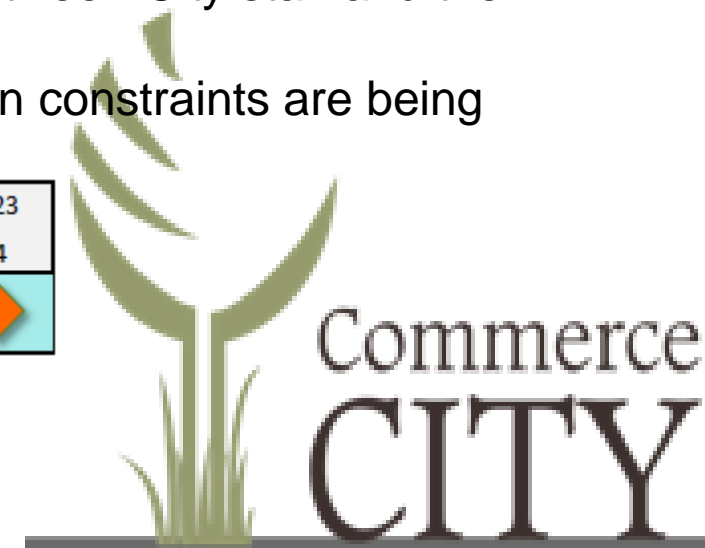
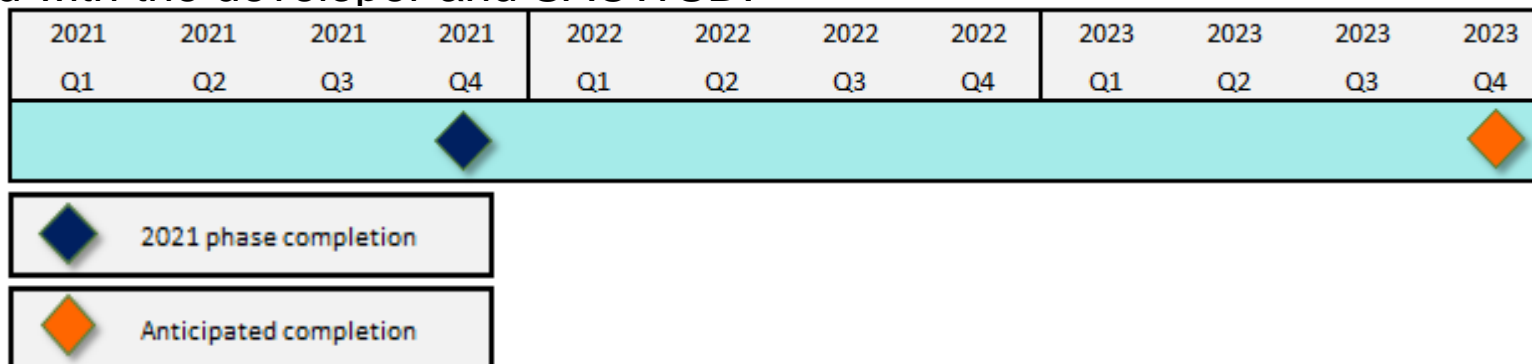
Project Objective: Widen and improve 120th Avenue from Chambers Road to Buckley to allow for better and safer traffic flow.

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

Current Phase: Project planning (phase 1 of 7)

Major Monthly Progress:

- The warrant analysis and potential design for a traffic signal design at 104th and Cameron have been complete, and results will go before City Council in a Study Session.
 - Terms and completion of the Intergovernmental Agreement with Buffalo Run Metro District that will govern the buildout of the project are on hold until after the next meeting between City staff and the District's team.
- Staff and the developer have resumed weekly coordination meetings, and design constraints are being discussed with the developer and SACWSD.



DAHLIA STREET IMPROVEMENTS

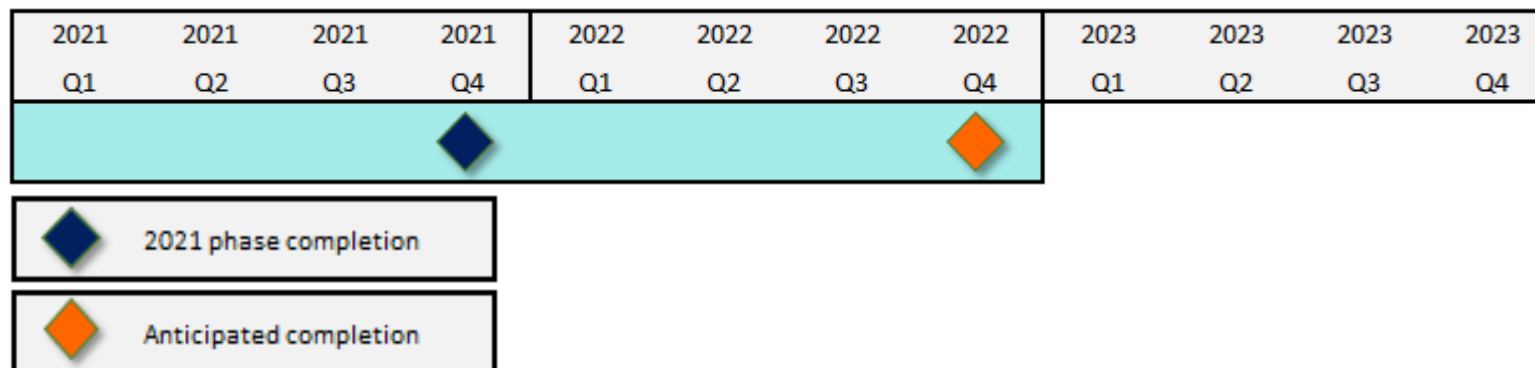
Project Objective: Reconstruct and widen Dahlia Street from 74th Avenue to 69th Avenue for better and safer traffic flow.

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

Current Phase: Project planning (phase 1 of 7)

Major Monthly Progress:

- The intergovernmental agreement with Adams County that covers the City's \$1M contribution was approved by City Council on November 16, 2020.
 - The agreement has been routed to Adams County for signatures
- The official project kickoff occurred in January
 - 2021 will be the design phase
 - 2022 will be the construction phase and will also include drainage improvements



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.

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

Major Monthly Progress:

- The paving portion of the project is complete.
- Two potential properties acceptable for drainage were reviewed by Respec and HDR. The City has made a purchase offer for one of the properties and is waiting to receive the counter-offer. Once staff have prices for each property, then staff will bring a recommendation to Council.
 - Staff is also exploring the possibility of purchasing a third property needed for drainage.

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

Current Phase: Design (phase 3 of 7)

Major Monthly Progress:

- The Service Agreement has been signed and executed.
- Staff met with Adams County to discuss a potential grant application.
- Staff has reviewed and provided comments on the conceptual design
 - Drawings are being finalized and are expected to be finished in February
 - The Request for Bids will be sent out by the end of Q1

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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ROSEMARY STREET WIDENING

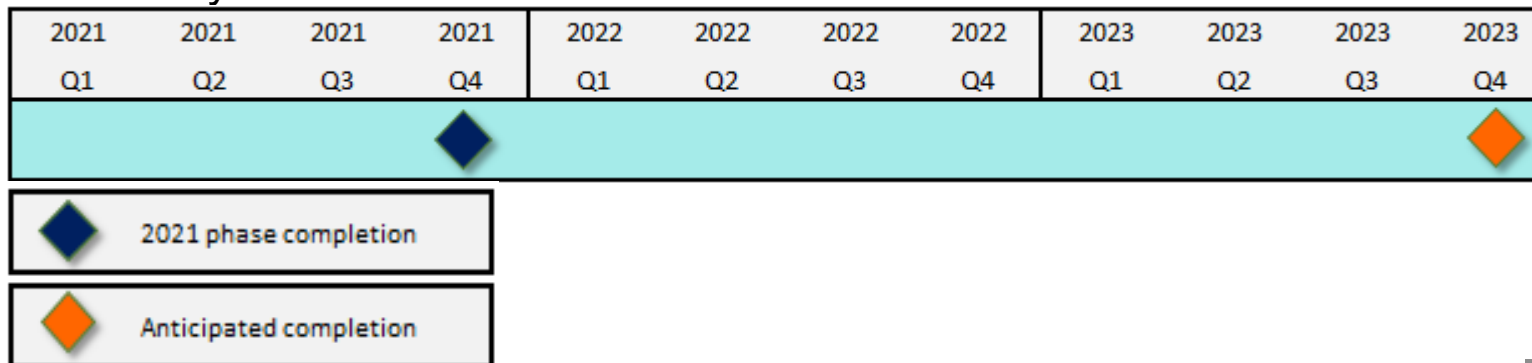
Project Objective: Widen Rosemary Street to an arterial from 80th Avenue to 88th Avenue to allow for better and safer traffic flow.

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.

Current Phase: Design (phase 3 of 7)

Major Monthly Progress:

- The project is proceeding as expected, and field office review reached 90% completion.
- Staff has met with Xcel to discuss undergrounding the power lines.
- In order to obtain maximum grant funding, land acquisition will continue in 2021 and into 2022, pending a possible land purchase in the Irondale Neighborhood.
 - Before moving forward, staff will bring a list of properties needed for right-of-way acquisition to City Council in a Study Session.



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

Major Monthly Progress:

- Staff is working on a grading plan for the future detention pond.
 - The developer's design team prepared designs for various ponds and the storm sewer along Highway 2
 - The City is utilizing the new Master Service Agreement with Respec to study the applicability
- The intergovernmental agreement has been signed.
- Staff is working with developer engineer to approve plans and prepare the Request for Proposals.

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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US 85/VASQUEZ IMPROVEMENTS

Project Objective: Construct a new Vasquez 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.

Current Phase: Project planning (phase 1 of 7)

Major Monthly Progress:

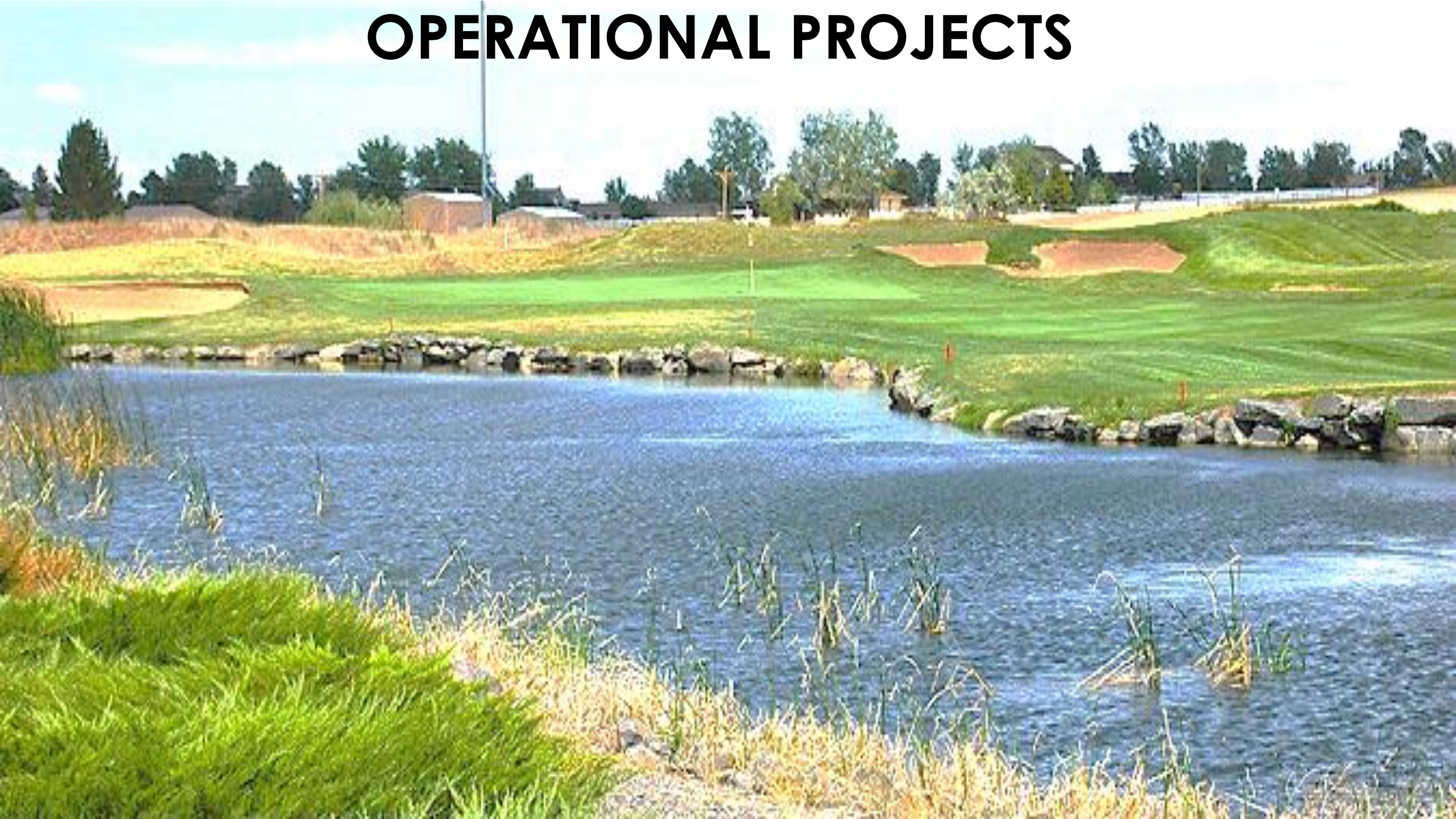
- Based on information received from City Council, CDOT continues work on the Modified Traditional Intersection and Ultimate Interchange concepts.
 - CDOT will begin to meet with impacted property owners in 2021 Q1.
- Solutions for this project will need to be compatible with the I-270 project, so both projects are being considered in tandem. The T intersection at 62nd Avenue has been added to the updated project scope.
 - The Intergovernmental Agreements for both projects are 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
[Timeline bar with a blue diamond marker at the end of the 2021 Q4 period and an orange diamond marker at the end of the 2023 Q4 period]											

 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.

Current Phase: Construction (phase 5 of 7) for Peoria, E-470/120th Avenue. Construction contract and bud award (phase 4 of 7) for Idalia.

Major Monthly Progress:

- Peoria is substantially complete, but staff is waiting to receive a right-of-way permit from CDOT.
- The signal at E-470 and 120th Avenue is up and running.
- The Brighton work has been removed from the current contract and will be handled by the respective property owner once all parties come to terms on the project design and scope.
 - Public Works staff has executed a change order to replace the Brighton signal with the Idalia and 104th Avenue signal. This signal will be completed during Q1, but staff is waiting to receive a construction permit from CDOT.

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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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

Current Phase: Design (phase 3 of 7)

Major Monthly Progress:

- The selection of projects from the recent ADA audit is in-progress, and the project list and distribution of the Request for Bids for construction are expected to be completed by the end of Q1 2021.

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.

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.
 - Design work for the new irrigation system is underway.

2021	2021	2021	2021	2022	2022	2022	2022	2023	2023	2023	2023
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COMPREHENSIVE PLAN

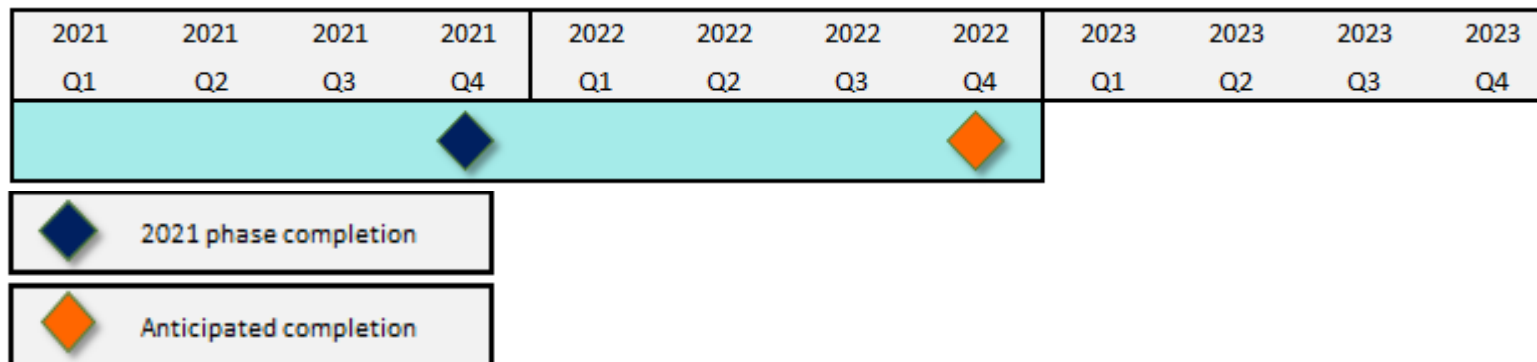
Project Objective: Update the community's vision, goals, and policies to help guide development and investment decisions.

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:

- Staff and Houseal Lavigne Associates conducted an elected official roundtable meeting on January 25. Feedback from City Council and the Planning Commission was received and will be used to help guide the update process. Community outreach workshop meetings have been scheduled for March 4, 2021 and March 18, 2021 at 2:30PM and 6:00PM.
- The website for the plan has launched, and includes a community survey and mapping opportunity.
- Planning staff is working with Economic Development to gather feedback from the business community.



CONCRETE FLATWORK

Project Objective: Annual program to evaluate and replace or substandard concrete including broken sidewalk, curb, gutter, and concrete pavement panels.

Project Scope: This program will fix broken sidewalks, curbs, gutters, and concrete pavement panels that need to be replaced to ensure a safe place for pedestrians to walk and for cars to travel safely.

Current Phase: Project planning (phase 1 of 7)

Major Monthly Progress:

- Staff will present details of the new contract during the presentation on pavement management.

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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DERBY AREA LIGHTING

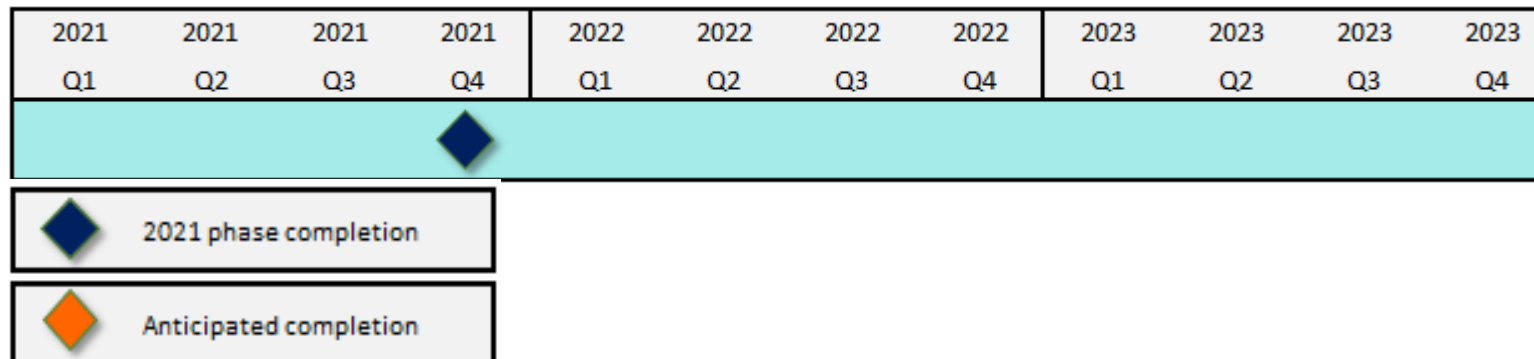
Project Objective: Improve lighting and make the Derby Downtown District safer and more welcoming.

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 South Addams County Water and Sanitation District's five-year plan.

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. If undergrounding in phases will be necessary, staff will go back to the CCURA Board with a plan to meet their lighting priorities.
- Staff will present the findings of a solar panel feasibility study to the CCURA Board in Q1. This presentation will be combined with the presentation on the entryway sign



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.

Current Phase: Design (phase 3)

Major Monthly Progress:

- Staff submitted a Request for Proposals and is waiting to receive cost estimates.
 - Staff will review the design plans with the current Derby Area Review Board
- Per the CCURA's direction, the sign will be installed prior to or in tandem with the new, future light poles for the downtown district.
 - Staff is exploring the possibility of powering the sign with solar energy and will discuss solar power with the Board Q1

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

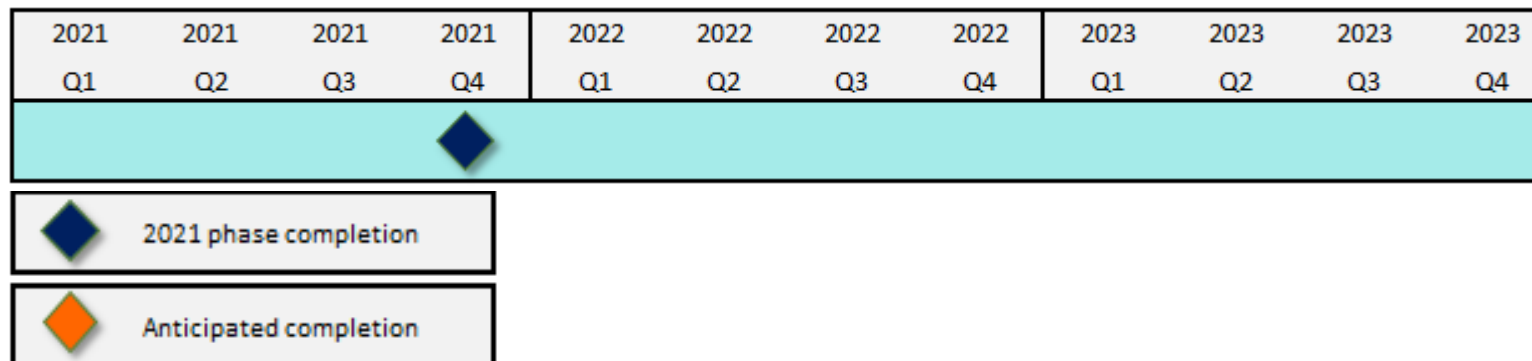
Project Objective: First Creek needs be restudied as soon as possible to more accurately assess the flood risk associated with the creek.

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

Current Phase: Project planning (phase 1 of 7)

Major Monthly Progress:

- The intergovernmental agreement with the Mile High Flood District was approved by City Council in 2020, and the study will be conducted in 2021.
- Staff received a copy of initial study results that show the floodplain has expanded east of US 85.
- The study itself will be engineering analysis of the impact of the proposed encroachment during a 100-year storm, and will result in a change of the floodplain's boundaries.
 - The study will be conducted in 2021, which will allow staff to work with FEMA to adopt the new floodplain boundaries.



RAILROAD INTELLIGENT TRANSPORTATION

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

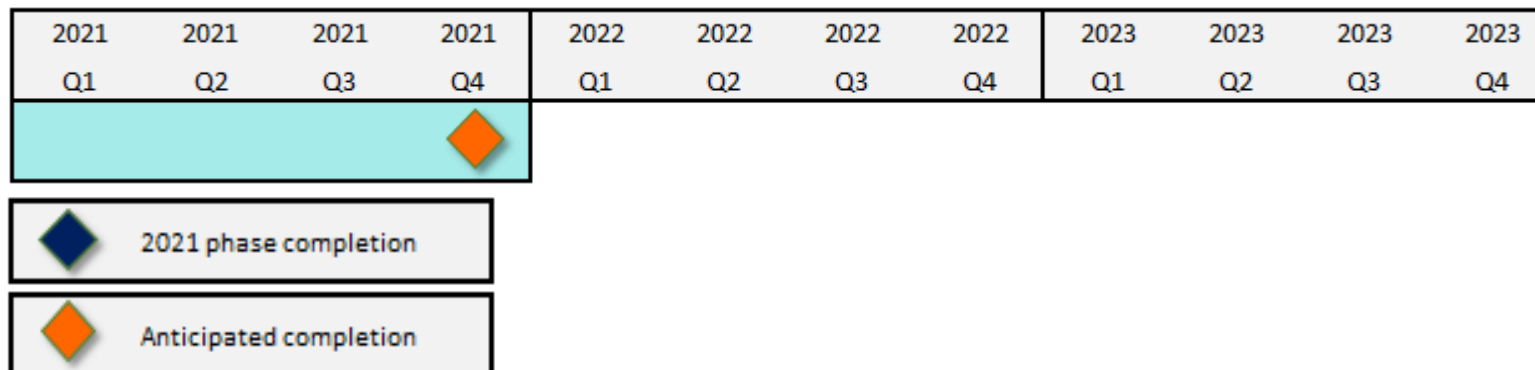
Project Scope: Install dynamic message signage and train notification systems at five Union Pacific Railroad crossings west of Highway 2.

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

Major Monthly Progress:

- Data collection reports for 112th and 104th Avenues are expected to be received in early February.
- Data collection for 88th and 96th Avenues will begin when data collection reports for 112th and 104th have been received.

TRAINFO is working with the City to obtain grant funding from DRCOG for impacted crossing traffic improvements.



SIDEWALK CONNECTIVITY

Project Objective: Annual program that helps provide proper pedestrian connectivity

Project Scope: This project will install sidewalks where gaps currently exist between sections of existing sidewalk or where priority connections are identified. This project will also upgrade curb ramps to current ADA standards, as appropriate.

Current Phase: Project planning (phase 1 of 7)

Major Monthly Progress:

- Staff has created the work plan for 2021 and has also added a three-year renewal clause in the contract with Elite Surfacing.
 - The contract will go before Council during a Study Session in February, and the program will begin in Q2

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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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.

Current Phase: Design (phase 3 of 7)

Major Monthly Progress:

- The Intergovernmental Agreement with 27J is underway.
- Staff has met with the lead architect and their irrigation design consultant to discuss design specifications for the irrigation system.
 - Design work is in progress, and the architect is modifying the drawings based on staff comments.
- Staff is working with SACWSD to discuss potential water tap modifications for increase efficiency to the overall irrigation system.
- Staff is Working with United Power to determine electrical service availability in this area to power an irrigation booster pump station.

2021	2021	2021	2021	2022	2022	2022	2022	2023	2023	2023	2023
Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4

 Anticipated completion



72nd AVENUE AND QUEBEC PARKWAY INTERSECTION

Project Objective: Provide pedestrians with refuges to allow them to cross two lanes of traffic at a time at the intersection of 72nd Avenue and Quebec Parkway.

Project Scope: This project will add a pedestrian refuge (median) in the northbound and southbound lanes on Quebec Parkway.

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

Major Monthly Progress:

- Staff received 10 bids for the project and has awarded the contract to Goodland Construction.
 - The Construction Contract Agreement 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



ADAMS COUNTY SCHOOL DISTRICT GYMNASIUM IMPROVEMENTS

Project Objective: Improve the gymnasiums at four Adams County School District elementary schools: Central Elementary, Dupont Elementary, Kemp Elementary, and Rosehill Elementary.

Project Scope: Improvements will include wood floor resurfacing, installation of rubber flooring, striping and painting of school logos on floors, new basketball backboards at all four sites including installation of electrical and structural supports in the ceiling.

Current Phase: Construction (phase 5 of 7)

Major Monthly Progress:

- ACSD staff is working with school principals and contractor to coordinate refinishing of the wood floors during the summer break.
- The old basketball equipment has been removed, new backboard equipment has been installed, and the ceiling work is complete.

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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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.

Current Phase: Construction (phase 5 of 7)

Major Monthly Progress:

- This project was separated into four phases. Phase 1 near First Creek is complete; paving for phase 2 is complete; the asphalt removal for phase three is complete, reconstruction for phase 4 is complete, and bridge design is underway with an anticipated design completion date of 2021 Q2.
 - The bridge will be constructed when the ditch water is shut off, which usually occurs in mid-October.
- Separate from the original scope, CDOT may require the City to install a temporary left turn lane to support the new signal at Brighton and 104th Avenue.
- Adams County is going to contribute to this project and staff is waiting to receive both the contract and financial assistance from the 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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			◆	Anticipated completion								



CORE CITY SIGNAL EVALUATION

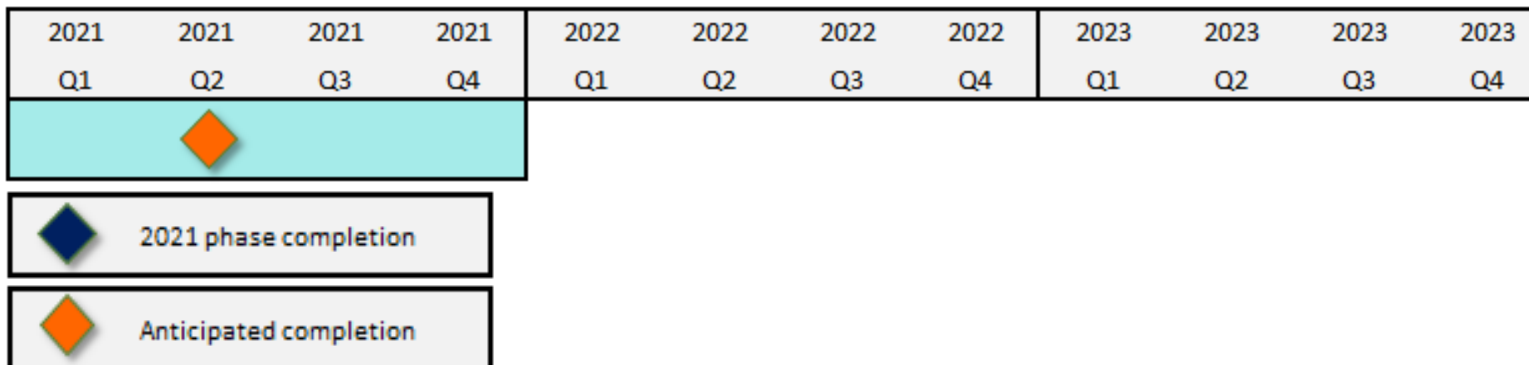
Project Objective: Continue to address signal functionality within the Core City.

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

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

Major Monthly Progress:

- The bid analysis process was completed and the contract will be awarded to Collins Engineering.
 - Staff is with attorneys to finalize the contract. Once awarded, the project will only take a few weeks.



BUFFALO RUN SITE MASTER PLAN

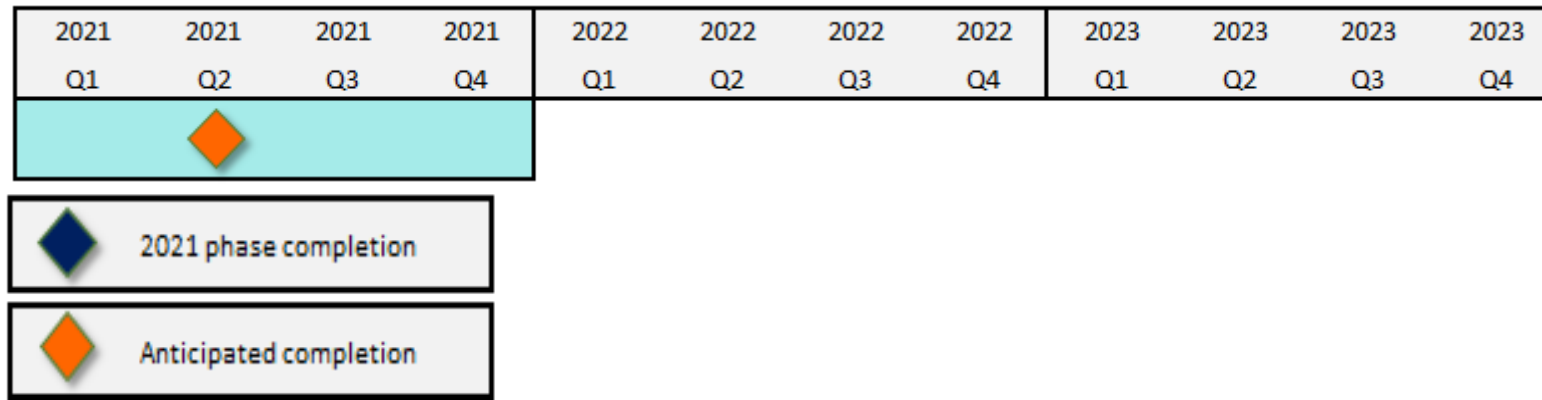
Project Objective: Develop site plan options for future improvements to the Buffalo Run Golf Course.

Project Scope: This project will address the golf course clubhouse (including kitchen and dining room), maintenance building, cart barn, and immediate surrounding areas.

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

Major Monthly Progress:

- The site plan work is well underway and staff anticipates the project will be finished by the end of Q2.



HIGHWAY 2 ILLUMINATED SIGNS

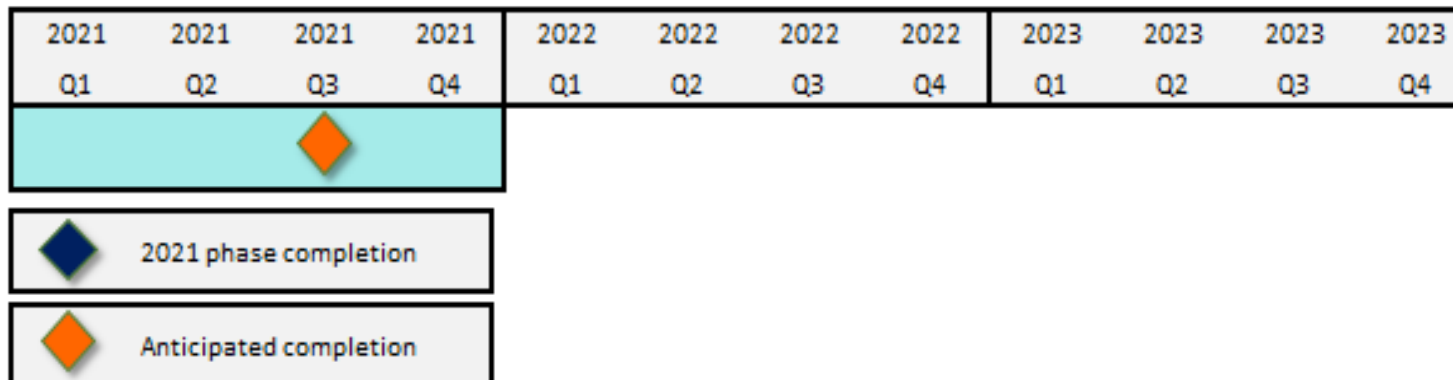
Project Objective: Improve sign visibility along Highway 2.

Project Scope: This project will replace sixteen old illuminated street name signs with new LED illuminated street name signs.

Current Phase: Construction (phase 5 of 7)

Major Monthly Progress:

- The illuminated street name signs have been received, and the contractor began to replace the signs at the end of January.
- The main project (Highway 2 signs) will be finished in a few weeks. Then, the contractor will update signs along US-85. The project timeline has been updated to reflect the contract adjustment.



MONACO PARK RENOVATION

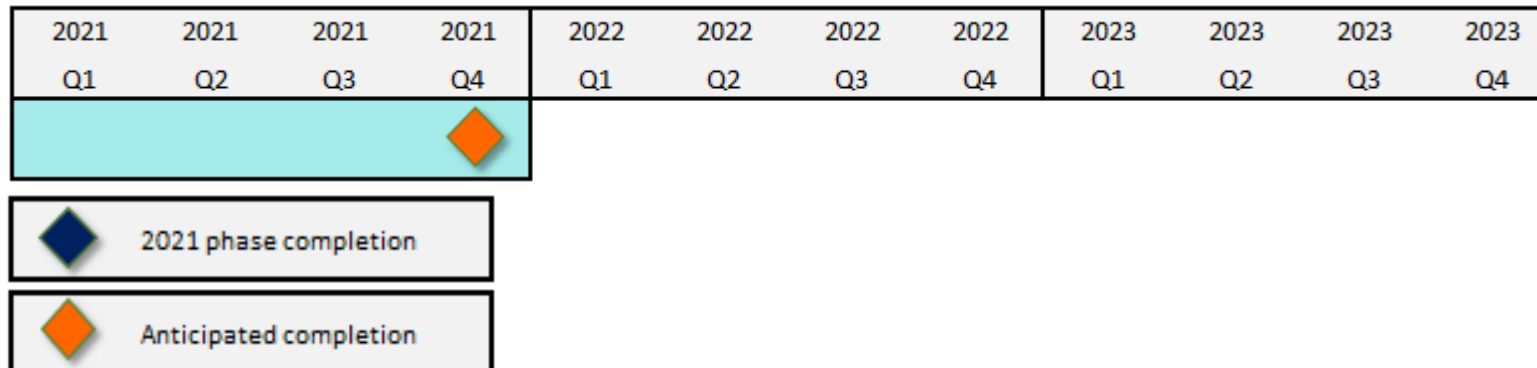
Project Objective: Renovate and update Monaco Park.

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.

Current Phase: Project planning (phase 1 of 7)

Major Monthly Progress:

- Staff is applying for an Adams County Open Space grant to expand the project as noted above. The scope and project timeline will be updated based on the outcome of this grant application.



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.

Current Phase: Project planning (phase 1 of 7)

Major Monthly Progress:

- For 2020, 86th Street in Irondale is the only segment that has not been completed. The work will be finished as the weather allows.
- Staff has created the work plan for 2021 and has also added a three-year renewal clause in the contract with Elite Surfacing; the contract will go before Council during a Study Session on March 8.
 - The meeting has been delayed because staff is expanding the contract for 2021
 - The program will begin in Q2

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

