



Chapter 6

Fellin Park Master Plan

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Introduction

Fellin Park is located at 1001 Million Dollar Highway, Ouray, CO 81427. Directly to the south of the Ouray Hot Springs Pool, Fellin Park is considered to be the “central park” of Ouray as it is within walking distance of downtown. The park currently has a small playground to the north of the site, a large softball field area that is surrounded by a 400 m asphalt track used by local high school track athletes, a picnic area with restroom facilities, a concrete basketball court, and a long-jump pit. Fellin Park is owned and maintained by the City; the Beautification Committee also helps with funding of improvements for the park.

Fellin Park History

Fellin Park has become more and more heavily used for activities and events and in 2016 it was decided that a Master Plan for Fellin Park should be incorporated as a chapter at the end of the Ouray Hot Springs Pool Master Plan. A citizens’ committee was organized and tasked with reviewing, prioritizing and recommending essential improvements for the park. The connection between the Ouray Hot Springs Pool and Fellin Park is a key consideration for the proposed park improvements.

Of great concern toward enhancing the park are infrastructure improvements. These improvements include: the installation of a new restroom facility, enhancing the electrical and lighting throughout the park, the incorporation of a new stage facility, creating storage, enhancing irrigation and planting throughout the park, relocating the Miner’s Park to be within Fellin Park, and creating a phasing plan for other park improvements such as the picnic area, playground, and skate park. These and other park infrastructure improvement recommendations are outlined further in the Stakeholder Meeting Notes starting on page 66 of this document.



Fellin Park Playground: This view is from the playground next to the Hot Springs facing south across the softball fields towards downtown Ouray.



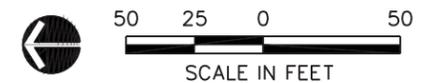
EXISTING CONDITIONS Fellin Park Aerial Key

- ① EXISTING SKATE PARK
- ② 400 M ASPHALT TRACK
- ③ LANDSCAPE STRIP
- ④ STACKED STONE RETAINING WALL
- ⑤ ASPHALT SPUR CONNECTING TO SIDEWALK INTO DOWNTOWN
- ⑥ SOFTBALL STONE BLEACHERS
- ⑦ SMOKEY JOE WOOD FIELD
- ⑧ LONG JUMP PIT
- ⑨ BASKETBALL COURT (CONCRETE)
- ⑩ NEIGHBORING RESIDENTIAL BUILDINGS
- ⑪ CITY LAND
- ⑫ CANAL
- ⑬ UNPAVED OVERFLOW PARKING/ SNOW PILE STORAGE
- ⑭ UNPAVED TRAIL/MAINTENANCE VEHICULAR ACCESS
- ⑮ 100 M SPUR OFF ASPHALT TRACK
- ⑯ TEMPORARY STAGE
- ⑰ GAZEBO
- ⑱ VENDOR SETUP AREA (FOR EVENTS)
- ⑲ PICNIC AREA
- ⑳ RESTROOMS (PUBLIC)
- ㉑ HYDROELECTRIC BUILDING
- ㉒ BRIDGE ACROSS UNCOMPAGRE RIVER
- ㉓ PARKS MAINTENANCE BUILDING (CITY)
- ㉔ OURAY HOT SPRINGS POOL PARKING LOT
- ㉕ OURAY HOT SPRINGS POOL
- ㉖ BATH HOUSE
- ㉗ PLAYGROUND
- ㉘ POOL MECHANICAL
- ㉙ FISH POND

← CONNECTION TO OVERFLOW PARKING LOT →

9TH AVE.

Existing Site Aerial
Fellin Park is currently located directly south of the Ouray Hot Springs Pool; it acts as a link between Downtown Ouray and the hot springs.



Existing Fellin Park Site Photographs



Smokey Joe Wood Field Signage

Analysis: This view is from the southeast corner of the site looking into the park. Improvements to the ground plane with planting and/or crusher fines would enhance the look of this sign for park visitors.



Smokey Joe Wood Field

Analysis: The softball field is used for a variety of activities. Concerts are held at the southwest edge of the field. Adult softball leagues hold games at the field. Grass volleyball and soccer nets are brought in for people to practice those sports. The irrigation for the field needs repairs/improvements as there are some dry spots in the middle of summer. Also, the concrete bleachers to the southeast side of the field need maintenance or replacement as they are not in great condition.



Stone Wall between Track and Highway 550

Analysis: The stone wall that acts as the park's east boundary is ornamental, but is in need of upkeep. Cleaning up vines and other volunteer vegetation would help enhance the aesthetics of this wall, as would incorporating crusher fines and improving the landscape area in front of the wall.



Asphalt Park Connecting to Downtown

Analysis: The asphalt track has a ramped spur running north-south that connects to a concrete sidewalk leading into downtown Ouray. Enhanced landscaping with crusher fines and planting would improve the experience of entering the park. This could also be an area for a Miner's History Walk.

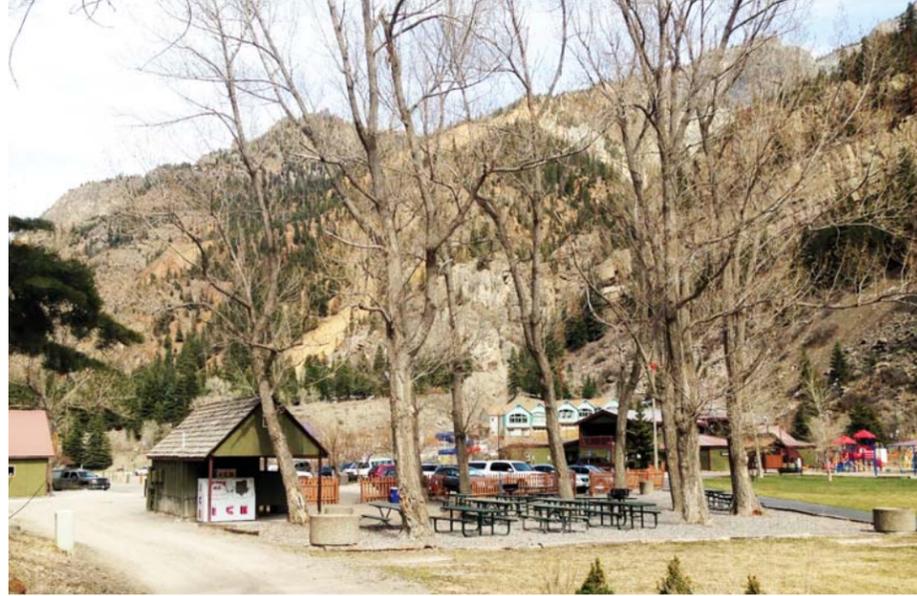


View Southeast across Softball Field

Analysis: Irrigation improvements/repairs are needed in the softball field as there are currently dead patches of turf in the field.

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Existing Fellin Park Site Photographs



Picnic Area and Existing Restroom

Analysis: The restroom facilities are to be one of the first improvement projects to take place in Fellin Park. The current facilities are too small and outdated to accommodate for the high amount of park use. The picnic area is ideally situated adjacent to where vendors set up for events in the park.



View of Bath House and Track from Southwest

Analysis: This area (from the east side of the track to the river) is currently used by vendors during concerts and other events in Fellin Park. It is ideal because of the access to the adjacent dirt path, which vendor vehicles can utilize to gain access to this setup area.



Existing Gazebo

Analysis: The Gazebo was a donation to the city; it is used for weddings and picnickers. Some maintenance is needed for general upkeep of the structure.



Existing Skate Park from East

Analysis: The skate park is in a good location that has high visibility from both the park and fish pond. Upgrading or replacing the skate park with a more modern design (with bowls) would improve the aesthetics of this part of the park. Enhancing connections/trails and the landscaping in this area would also improve the skate park.



Existing Playground Equipment

Analysis: The Fellin Park Playground would be improved with the addition of more equipment that fit the needs of the various playground user groups. Adding more pieces that serve different age groups and physical and psychological needs would enhance Fellin Park—as would adding rubber surfacing to improve accessibility.



Existing Swingset

Analysis: Both belt seats and toddler seats are present at Fellin Park's current playground. However, they sit at opposite ends of the playground—the toddler swings on the west side and the belt swings on the east side. If a new playground is installed, the new swingsets should be in closer proximity to each other.

Existing Fellin Park Site Photographs



View of Bath House, Track, and Playground from the East

Analysis: The playground acts as a meeting area for people traveling between the hot springs pool and Fellin Park; it is important to maintain this connection as improvements for the pool commence.



Existing Picnic Shelter at Playground

Analysis: This existing picnic shelter offers shade to park visitors. More shelters like this are needed to accommodate for the large number of park visitors.



Existing Basketball Court

Analysis: The basketball court is located to the far south end of Fellin Park—between the track and adjacent apartment buildings. Currently, the long jump pit (for the high school track team) runs the length of the court and extends to a sand pit to the east; this long jump pit runway is not regulation length.



View towards Southwest Site Parcel

Analysis: The southwest corner of the park is currently just used for basketball, long jump, and equipment storage (bleachers, soccer goals, etc.). This portion of Fellin Park would be more scenic and useable if more activities for park users were offered in this location.



View from Basketball Court Facing East

Analysis: This gravel parking lot/storage area would be a good location for the Miner's Plaza to be relocated to as it is still part of Fellin Park and it is spatially large enough to accommodate for the Miner's Park. (The Miner's Park will be relocated as part of the hot springs renovation project.)



Uncompahgre River behind Fellin Park

Analysis: The Uncompahgre River runs north south directly behind the hot springs and Fellin Park. Laying back the sloped banks in places would offer people more access to the river and improve the aesthetic quality of the riverbank. Enhancing vegetation and boulders in the slope could also help stabilize the bank.

PROPOSED IMPROVEMENTS

Project Description

The Master Plan for Fellin Park was created with input from the Advisory Committee. These improvements and suggestions will be implemented over time in stages as funding is garnered for the various park improvements. The goals of these improvements are: to increase the amount of activities offered in the park, to enhance existing facilities in the park, to improve the infrastructure and aesthetics of the park, and to offer new and improved facilities such as a new restroom facility and stage. Improving circulation throughout the park and wayfinding is another goal of this master plan. Below is a list of the different areas offered in the Fellin Park Master Plan.

Restrooms

One of the most anticipated improvements to Fellin Park is the construction of new restroom facilities. Current restrooms are not up to ADA accessibility codes and do not accommodate for the high amount of use they receive; therefore, new restroom facilities are slated for construction as part of the Fellin Park improvements. The new facilities will offer approximately 5 women's stalls and 2 men's stalls with 2 urinals. Both the women's and men's facilities will include the required amount of ADA stalls and stalls with handrails. (See a preliminary restroom layout in the Fellin Park Appendix of this book.) The new restroom building will be located on the northwest side of Fellin Park near the current restroom facilities between the unpaved trail and the river. Materials for the building will be rustic/natural such as stone, wood, and steel. An angled metal roof will help keep snow off of the facility in the winter.

Stage

Currently, the City of Ouray has to set up a temporary stage when concerts or events are held in Fellin Park. In order to make hosting events easier, a new stage facility would be constructed. The proposed stage would be open on the front and the back so that only the sides and roof would be enclosed. On each side of the stage would be storage space for park maintenance staff, the high school track team, the Beautification Committee, etc. The open front and back of the stage would leave Ouray's beautiful mountain backdrop in view of event attendees. Materials for the construction of the stage would be rustic woods, stones, metals and the design would be reminiscent of Ouray's mining history. The park's electrical infrastructure would also be improved to allow for larger events to be held.

Information Kiosk

The existing information kiosk matches the aesthetics and materials that are used in the rest of the park. However, by moving it into the middle of the concrete plaza area in the hot springs park, it would be in a more prominent and visible location.

Miner's Plaza

The existing Miner's Park is proposed to be relocated to the southwest side of Fellin Park due to the expanded parking lot being constructed as part of the Ouray Hot Springs improvements. The relocated Miner's Park would tie in with the Miner's Walk area along the asphalt track encircling the softball field. Visitors to Fellin Park would first be introduced to the Mining theme as they walked along the Miner's Walk and this would culminate in the Miner's Plaza area. Mining equipment/features would be aligned with the stage on either side of the crusher fines plaza. The stage is to be open on both the front and the back, so for mining events the stage could be utilized with viewers in the Miner's Plaza. The entire Miner's Plaza area is to be stabilized crusher fines. Informational signage would also be incorporated in the Miner's Plaza. Collapsible bleachers with shade sails are to be located along the southwest side of the plaza to offer shaded seating during events held in the plaza. The high school homecoming bonfire could be held in the center of the crusher fines plaza with the students cleaning up any remaining debris from the bonfire the following day.

Miner's Walk

In order to enhance the aesthetics and experience of entering Fellin Park, a Miner's Walk would be created between the asphalt track and the highway on the east side of the site. This walk would incorporate a crusher fines landscape area with ornamental shrub planting and landscape lighting. The planting area would be irrigated with bubblers and low-maintenance plants would be selected for this area. Informational signage about mining and small pieces of mining equipment would also be placed in this landscape area to pay homage to Ouray's mining history.

Picnic Area

The picnic area is in a good location near the vendor setup location for events. There are also established shade trees over the picnic area and it is near both the restroom and the river. The picnic area is also in close proximity to the 400 m asphalt track, the playground, and the hot springs parking lot. Improvements to the picnic area would include incorporating some new tables in with the existing tables, adding a new picnic shelter that would provide shade for four tables, enhancing the ground plane with crusher fines, and planting some new cottonwoods that would have time to get established before the existing cottonwoods have to be removed because of disease.

Site Plan Key

- ① PROPOSED SKATE PARK (IN SAME LOCATION AS EXISTING)
- ② MOVE LONG JUMP PIT
- ③ MINER'S WALK WITH INTERPRETIVE/EDUCATIONAL SIGNAGE & MINING EQUIPMENT
- ④ RED CRUSHER FINES LANDSCAPING WITH LOW MAINTENANCE PLANTING, IRRIGATION, AND LIGHTING
- ⑤ NEW BLEACHERS
- ⑥ WAYFINDING SIGNAGE
- ⑦ EXISTING 400 M ASPHALT TRACK
- ⑧ DISCUS THROW AREA (WITH MOVEABLE CAGE)
- ⑨ EXISTING SOFTBALL FIELD (WITH NEW IRRIGATION)
- ⑩ SOCCER FIELD
- ⑪ NEW PLAYGROUND
- ⑫ EXISTING PICNIC SHELTER TO REMAIN
- ⑬ GRASS VOLLEYBALL COURT
- ⑭ NEW PICNIC SHELTER (20'X28') QTY: 2
- ⑮ EXISTING INFORMATION BOOTH (FINAL KIOSK LOCATION TO BE DETERMINED ONCE THE BATH HOUSE DESIGN IS FINALIZED)
- ⑯ ENHANCED PICNIC AREA
- ⑰ RESTROOMS (13'X42'-5")
- ⑱ VENDOR SET-UP AREA
- ⑲ EXISTING GAZEBO
- ⑳ STORAGE AREA (2-10'X30' UNITS)
- ㉑ PROPOSED STAGE (30'X30')
- ㉒ EXISTING BASKETBALL COURT TO REMAIN/PICKLEBALL STRIPING
- ㉓ MINER'S PLAZA (5,000 SF -SAME AREA AS EXISTING); DASHED WHITE CIRCLE IS 50' DIA. -THIS WOULD BE A GOOD LOCATION FOR THE ANNUAL HOMECOMING BONFIRE
- ㉔ MINING STRUCTURE
- ㉕ NEW PORTABLE BLEACHERS WITH FABRIC SHADE STRUCTURES
- ㉖ 10' WIDE HARDSCAPE PATH
- ㉗ SNOW PILE AREA
- ㉘ ENHANCED GRAVEL PARKING LOT [CAN FIT (8) RV SPACES & (10) 90° SPACES]
- ㉙ NEW FENCE
- ☀ INFORMATIONAL SIGNAGE/MINING STRUCTURE
- 🗿 MINERS' MEMORIAL TO REMAIN
- 🪨 BOULDER (TYP.)
- 🪑 BENCH (TYP.)
- 🪠 PICNIC TABLE (TYP.)
- ♻ TRASH/RECYCLING RECEPTACLE (TYP.)
- 🚲 BIKE RACKS (TYP.)

*Sports field striping is shown for sizing information only.

Proposed Fellin Park Site Plan



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Project Description Cont.

New Picnic Shelters

The current picnic shelter near the playground at Fellin Park is so heavily used, that the Advisory Committee recommended incorporating several new picnic shelters. One of these shelters would be located to the west side of the playground near the proposed hot springs concrete plaza area and paved roundabout area. This location is ideal as a gathering/meeting space because it is centrally located between the hot springs pool and Fellin Park. The second picnic shelter would be added in the existing picnic area to the far northwest part of the park next to the Uncompahgre River. Currently, there are cottonwoods shading the existing picnic area; however, these trees are not in great health and are nearing the end of their lifespans. Offering a picnic shelter in this area would create shade for several picnic tables for when the trees need to be removed.

Bleachers

The existing concrete bleachers behind the fence near the softball infield are in need of maintenance/repairs. The City will determine whether to repair these bleachers as they are or to remove and replace them with something more ornamental and fitting with the aesthetics of the area. Perhaps different levels of boulder seating would be better suited to match the materials used in the park, hot springs, and surrounding area. Also, new removable and collapsible bleachers would be located at the southwest corner of the park by the relocated Miner's Plaza and near the proposed new stage.

Irrigation

Improvements to the irrigation infrastructure would occur throughout Fellin Park. Any tree and shrub planting areas would receive drip bubblers. The irrigation system in the softball outfield would be repaired so that all areas of the field would receive water; this would reduce the amount of dry grass patches in the field.

Soccer Striping

The softball outfield is so large that a regulation size soccer field could fit within the turf area. This area should receive soccer field striping to offer park users access to play/practice soccer. With such striping and two regulation size moveable goals, soccer games and practices could be hosted in Ouray's Fellin Park. The shortage of flat turf areas in Ouray makes Smokey Joe Wood field especially important in offering citizens a multi-use area for sports like soccer, volleyball, and softball.

Volleyball Court

Fellin Park's large grass softball field area also is a great place for other activities to take place. The high school volleyball team currently holds some practices in the north portion of the grass softball field near the playground. The templates shown on the master plan represent the required amount of space needed for two grass volleyball courts. No permanent volleyball courts would be set up in these locations. The goal is for park visitors to bring their own nets and set them up in the general area of the park as is shown on the master plan.

Discuss Throw

The softball field is the perfect location to accommodate for Ouray High School track athletes who wish to throw the discus. A removable platform and cage would be set up in the softball infield for throwers to practice on. The throwers would throw the discus into the softball outfield. The softball field is over 50' longer than the national high school track longest discus throw record. This would be a safe location to practice discus throw with an area temporarily fenced off to prevent passers-by from wandering into the practice throw area of the softball field.

Long Jump Pit

The current long jump pit location is near the basketball court at the south end of the site; this pit runway is not long enough to meet regulation length requirements. In order to create a regulation length runway, the long jump pit would be relocated in this master plan to be along the east edge of the park running off of the asphalt track near the highway. A small section of asphalt would need to be added at the north end of the asphalt track to create a regulation length span of track for the long jump pit. Also, a regulation size sand pit would be created at the end of the asphalt runway for long and triple jump high school athletes to use for track practice.

Basketball Court

The existing basketball court is to remain in its current location; however, improvements to the court would be to add pickle ball striping and removable pickle ball nets. A reason to provide for this activity is that "Pickle ball is one of the fastest growing sports in America," according to NBC news. The City of Ouray has already purchased two removable nets to provide opportunities for citizens to participate in this growing sport. And should interest in this sport continue to grow in Ouray, there is enough room on the existing basketball court to allow for three pickle ball courts.

Wayfinding Signage

Additional signage is needed to guide visitors through Fellin Park. Pointing out important features that are not highly visible in the park like public restrooms, the stage, the picnic area, and Miner's Plaza would be especially important to feature in wayfinding signs. Three main signs would be located by the overflow gravel parking lot, the Miner's Plaza and the unpaved "river trail" path, and set above the stone bleachers by the softball infield near the asphalt path connecting to Highway 550. Several smaller wayfinding signs may also be located throughout the site to guide park visitors.

Vendor Area

The current vendor setup area will remain in its existing location. As it is near the restrooms, picnic area, and service access path, this is an ideal location in Fellin Park for vendors to be located during park events. Improvements to the ground plane would occur though—incorporating outlet boxes in the grass to allow vendors easier setup. The existing grass in the vendor area is doing well with the current foot traffic in the area so it will remain. However, a small crusher fines foot path will be incorporated to area south of the gazebo and north of the stage and miner's plaza areas as there is already a dirt trail made by the large number of pedestrians cutting across the asphalt trail spur to the west curve of the track. No additional vegetation would be planted in this area to allow for more flexibility in vendor setup space and pedestrian circulation throughout.

Gazebo

The existing gazebo would remain in its current location; it is frequently used by picnickers and is also used for weddings. Some maintenance items, such as new paint, are needed to maintain this structure.

Playground

The existing playground at Fellin Park acts as a gathering/meeting space as it is centrally located between the hot springs and the park; therefore, it is important to maintain this location and the connection between the two entities. As this playground is redesigned in the future, equipment that accommodates for children of different ages and abilities would be incorporated; this would encourage more playground users. Also, the materials and colors used on the playground equipment should have a more natural/mining theme to match the rest of the park. ADA surfacing and access would also enhance the playground experience for park users.

Skate Park

Replacing the existing skate park with a new, more modern skate park would be a great improvement to Fellin Park. The skate park is currently in a highly visible and safe location for youths in the community. Many members of the community would like to see the skate park be enhanced & made more aesthetically-pleasing in its current location. Enhancing the landscaping and the connection between the fish pond and the 400 m asphalt track would also make the skate park area a more scenic part of Fellin Park.

Informal Path by River

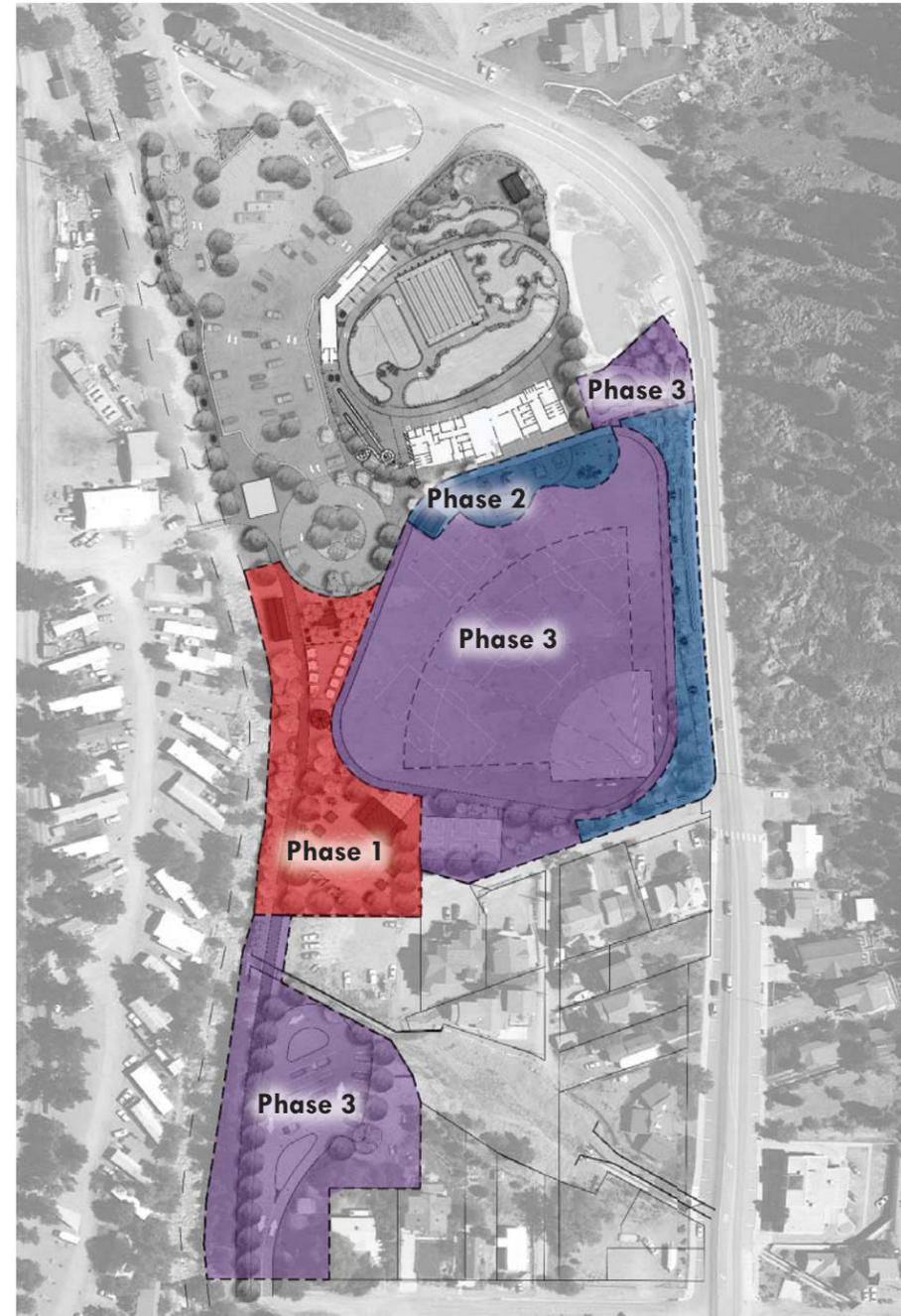
The unpaved vehicular path located on the west side of the site between the 400 m asphalt track and the Uncompahgre River will remain as an access point for people wishing to walk from the gravel overflow parking lot into Fellin Park. This path is used most frequently by maintenance staff to access the maintenance building by the bridge across the Uncompahgre River. Vehicular access along this path is also needed for vendor setup during concerts or events in Fellin Park. Bands can use this path to get their equipment to the stage area. Having a path by the river is also important because it increases awareness of the river that runs through city. Sometime in the future it would be prudent to lay back the bank slope in places and add benches or picnic tables to allow people to get closer to the river; this would increase peoples' awareness and connection to the river. The most ideal places for this to occur would be between the Vendor Area and the Miner's Plaza and the river as these locations are where the widest parts of the river bank are located between the informal path and the Uncompahgre River.

Gravel Parking Lot

The overflow gravel parking that is accessible via 9th Avenue is to remain gravel because it is also used as a City snow pile area. Piling snow on asphalt would reduce the integrity of the asphalt if heat were not added to help melt the snow. This gravel parking lot also functions as overflow parking for park visitors during events or is used by oversized vehicles such as trucks and trailers or RVs. Wayfinding signage is needed off of Highway 550 to direct visitors to this parking lot. A wayfinding sign is also proposed to be located in the park to direct people from the gravel lot along the unpaved path by the river northward into Fellin Park.

*Buildings and structures in Fellin Park must be flood-proofed to 1'-0" above the Base Flood Elevation.

Fellin Park Phasing Diagram



Phasing Diagram Description

A phasing plan will be utilized to help the City prioritize any improvements at Fellin Park (see diagram to the right). As funding is acquired, the City will select parts of the improvements slated in Phase I for implementation first, then Phase II, and ultimately the items in Phase III. Some of the highest priority items are: electrical, irrigation, and lighting improvements throughout the park; a new permanent stage to be used during events; and new restroom facilities. Also, the Miner's Park would be relocated from its current spot near the Hot Springs into Fellin Park. Phase II improvements include the Miner's Walk, new picnic shelters, playground enhancements, and improving the softball bleachers. Phase III improvements include any remaining lighting/electrical/irrigation enhancements and a new skate park. This phasing action plan will help the City determine and prioritize improvements at Fellin Park.

Fellin Park Development Phases

Phase 1 (Red)

- Construct New Restroom Facility
- Move & Construct New Miner's Plaza
- Construct New Stage
- Move Kiosk Sign into Hot Springs Entry Plaza by Roundabout
- Enhance Existing Picnic Area

Phase 2 (Blue)

- Construct New Playground & Picnic Shelter
- Create Miner's Walk along Highway with Informational Signage, Irrigated Planting, & Landscape Lighting
- Enhance Bleachers by Softball Infield
- Move Long Jump Pit

Phase 3 (Purple)

- Enhance Softball Field with Upgraded Irrigation and Lighting
- Basketball Court Enhancements/Pickleball Striping
- Construct New Skate Park
- Enhance Gravel Parking Lot with Trees & New Gravel

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Stage Precedents

These images are shown for the purpose of establishing a style and material palette for the future stage design.



Stage with Angled Frame Backdrop

The proposed stage for Ouray would have both an open front and back and it would be raised several feet in the air. This image is shown as a precedent because of the wood detailing on the sides and roof planes of the structure. Such detailing would match in with the mining history of Ouray.



Wooden Stage

This stage is shown as a precedent due to the overhead detailing of the structure. Some wood materiality would complement the mining headframes found around Ouray.



Open-Back Stage with Side Storage

This stage precedent features an open front-back stage with the sides being utilized for storage. The stage is lifted only a few feet off the ground. The proposed stage at Fellin Park will be similar in layout to this stage with the materials being more consistent with those used at the Fellin Park Kiosk and the Micro-Hydro building.



Angled Roof Stage with Lighting

Night lighting incorporated into the stage could make setup for night concerts easier and also improve the visibility of band members. By installing lighting in the "ceiling" of the stage, such illumination could be offered in an unobtrusive way.



Angled Posts Stage

Angling features of the stage could create a more modern look while using natural materials that are reminiscent of the area and the history, such as weathering steel, wood, and stone.



Open-Back Stage with Side Storage (View 2)

This view of the open front-back stage precedent features the side storage concept that would enable the Ouray stage to be open to views of the surrounding mountains out the back of the stage during performances.

Restroom Precedents

These images are shown for the purpose of establishing a style and material palette for the future restroom design.



Fellin Park Kiosk (Materials Precedent)

This existing kiosk found in Fellin Park features the desired materials to be utilized in both the proposed new stage and restroom facilities. Corrugated weathering steel roofing and siding with wooden beams are featured in this structure.



Screened Restroom Entrances

This restroom is comprised of wood posts and beams and wood siding. The entrances to the men's and women's restrooms are screened, which might be preferable as it reduces visibility from the outside into the restrooms. It features a more square layout, with the men's and women's restrooms being back-to-back.



Screened Restroom Entrances with Stone and Wood

The screened entrances on these restrooms are sturdier and conceal more than in the image shown to the left. The stone base of the structure partnered with the wood siding would complement the different natural materials found in Ouray.



Micro-Hydro Building (Materials Precedent)

This existing Micro-Hydro building by the Ouray Hot Springs is another example of the types of materials that would be featured in the proposed new stage and restroom facilities. This structure features corrugated steel roofing and wainscoting (not treated so it will weather) and wooden siding to promote Ouray's mining history.



River Cobble and Wood Slat Restroom

This restroom facility features wood slats with a river cobble base. The roof overhang extends to cover the entrances into the men's and women's restrooms. A metal roof would be preferable to the shingled roof shown in this image. It also features a more square layout, with the men's and women's restrooms being back-to-back.



Center Screened Entrances

This restroom facility offers a shared center screen wall. This restroom features a more linear layout concept, with the men's and women's restrooms situated opposite of one another.

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Skate Park Precedents



Modern Bowl Design

This skate park features a modern bowl as part of its design. Perhaps by revamping Fellin Park's skate park to incorporate a bowl feature, the park would be more enjoyable to the city's youths. A bowl-shaped skate park significantly increases the variety of tricks that can be achieved from a typical half or quarter pipe configuration.



Quarter Pipes

This skate park features a series of quarter pipes. The configuration of several quarter pipes of different levels and directions offers a large amount of skate park users to utilize the park all at once. The current skate park only allows one or two users at a time.



Pump Bump

This feature is great for children learning how to skate because it is not too high or too steep and can be a stepping stone for kids to start utilizing more advanced features such as half pipes and bowls. More experienced skaters/boarders can also use this feature to do more advanced tricks.



Rails, Stairs, & Ledges

Rails, stairs, and ledges are incorporated into skate parks to help relate skate park features to normal features seen throughout towns and cities. These features offer an aesthetic variation from typical skate park bowls and half pipes and offer more variety to skate park users which promotes increased park usage.



Bowls

This skate park bowl is essentially three different bowls connected together. By creating three distinct shapes, this bowl can accommodate for three skaters/boarders at once. Also, by incorporating a curvilinear bowl design in the Fellin Park skate park, the park would then relate more to oval shape of the adjacent hot springs pool.



Flow Skate Park with Smooth Transitions

This skate park incorporates bowl-like and half and quarter pipe-like features, but the edges of these features are all rounded which creates smoother transitions from one feature to the next—a flow skate park. Such rounded flowing forms could help Fellin Park's skate park transition more seamlessly into the surrounding landscape.

Playground Precedents



Modern Play Structures

This modern play structure includes equipment that offers children the ability to do many different activities: climbing, sliding, balancing, and spinning. The slender and curved poles supporting the equipment make the structure look more modern. This structure accommodates for younger kids.



Climbing Net Structure

Every playground should offer children the opportunity to engage in physical, creative, sensorial, solitary, and social play. This climbing structure offers children all of these opportunities. Every playground should feature a climbing structure of some sort.



Rope Bridge with Boulder Climbers

The Ouray community celebrates rock & ice climbing; there is even an annual ice climbing festival in Ouray! Incorporating climbing opportunities in Fellin Park's playground, such as this boulder climbing-bridge structure, would emphasize the importance of climbing in Ouray to all ages.



Nature Playground

There is a huge focus on the outdoors and nature in the City of Ouray. Fellin Park could further promote this love of nature (especially to children) by redesigning the existing park playground to be a nature-focused playground using natural materials (such as logs) as the play equipment.



Traditional Play Structures

This play structure is more traditional in its design, but it still blends in with the natural surroundings by utilizing a nature-based color scheme of tans, greens, and grays. The incorporation of boulders, woodchips, and gray poured-in-place rubber safety surfacing further promotes the natural look.



Boulder Climbing Wall

These boulders are actually made from sculpted concrete and arranged so as to meet safety codes and requirements. The natural look of a boulder climbing wall in Fellin Park's playground, such as the one shown above, would promote Ouray's love of climbing and of nature.

Proposed Fellin Park Lighting Plan



PROPOSED IMPROVEMENTS -LIGHTING PLAN

Fellin Park Lighting and Electrical Improvements Description

In order to accommodate the additional services being added to the park (stage, additional restrooms, picnic shelters, and site lighting), the electrical infrastructure shall be improved to a 480 volt, 3-phase system. The new transformer size and location shall be coordinated with San Miguel Power Association to best serve the park area. Power will be distributed throughout the park, with service centralized at the new stage. General convenience power receptacles (weatherproof with GFI protection) shall be provided at lighting bollards throughout the site as determined by the stakeholders. Specialty power receptacles shall be located in the vendor set-up area to allow power connections for food trucks and other vendors.

Lighting for the park shall consist mostly of bollard-style luminaires. These bollards shall be full cut-off to comply with the requirements set by the International Dark-Sky Association. In order to reduce the quantity of bollards and emphasize the low light level environment, bollards shall be spaced for wayfinding and highlighting the direction of travel instead of entirely uniform lighting of the path/track. Additional lighting for areas near the stage shall utilize the building structure to minimize the use of pole-mounted fixtures. Depending on discussions from the stakeholders, the ballfield shall likely be lit for infield recreational use (assumed design by MUSCO Lighting). In addition to illuminating the infield playing surface for evening practices, the ballfield infield lighting can also be utilized after events for park cleanup and wayfinding near the ballfield area. Similarly, building mounted fixtures near the vendor area and at the stage shall be controlled to illuminate during park cleanup. Lighting controls shall be provided for all lighting systems in the park dependent on the level of control requested by the stakeholders.

Lighting Plan Key

-  LIGHT BOLLARDS
-  BUILDING-MOUNTED LIGHT FIXTURES
-  POLE-MOUNTED FIXTURES/BALLFIELD IN-FIELD LIGHTING

*Lighting symbols do not accurately represent the extents of lighting; these symbols are shown to highlight lighting locations only.

LIGHTING/ELECTRICAL PRELIMINARY COST ESTIMATE

Description	Quantity		Material		Labor		Total Cost
	No. Units	Unit	Cost/Unit	Total	Per Unit	Total	
Division 16 Electrical							
Electrical Infrastructure							
Connection to existing utility	1	LS	\$ 1,000.00	\$ 1,000.00	\$ 5,000.00	\$ 5,000.00	\$ 6,000.00
New electrical service (ball field and stage)	1	LS	\$ 15,000.00	\$ 15,000.00	\$ 7,500.00	\$ 7,500.00	\$ 22,500.00
Misc. underground service	450	LF	\$ 5.00	\$ 2,250.00	\$ 5.00	\$ 2,250.00	\$ 4,500.00
Restroom							
General power and lighting	1	LS	\$ 2,500.00	\$ 2,500.00	\$ 1,000.00	\$ 1,000.00	\$ 3,500.00
Connections to mechanical equipment	1	LS	\$ 500.00	\$ 500.00	\$ 1,000.00	\$ 1,000.00	\$ 1,500.00
Stage/Storage Structure							
General power and lighting	1	LS	\$ 10,000.00	\$ 10,000.00	\$ 5,000.00	\$ 5,000.00	\$ 15,000.00
Stage equipment connections	1	LS	\$ 2,000.00	\$ 2,000.00	\$ 1,000.00	\$ 1,000.00	\$ 3,000.00
Connections to mechanical equipment	1	LS	\$ 1,500.00	\$ 1,500.00	\$ 1,500.00	\$ 1,500.00	\$ 3,000.00
Picnic Structures							
General power and lighting	1	EACH	\$ 1,000.00	\$ 1,000.00	\$ 1,000.00	\$ 1,000.00	\$ 2,000.00
Park Cleanup Lighting							
Estimate from MUSCO *In-field lighting only	1	LS	\$ 40,000.00	\$ 40,000.00	N/A	\$ -	\$ 40,000.00
Track/Path Lighting							
Bollard lights (with integral receptacle)	26	EACH	\$ 1,800.00	\$ 46,800.00	\$ 700.00	\$ 18,200.00	\$ 65,000.00
Lighting Control System							
General Allowance (for all systems)	1	LS	\$ 10,000.00	\$ 10,000.00		\$ -	\$ 10,000.00
Vendor Pedestals							
50A and 20A Power connections	6	EACH	\$ 1,000.00	\$ 6,000.00	\$ 500.00	\$ 3,000.00	\$ 9,000.00
Pickle Ball/Tennis Courts							
Recreational use lighting	1	LS	\$ 24,000.00	\$ 24,000.00	\$ 5,000.00	\$ 5,000.00	\$ 29,000.00
Division 16 Total:							\$ 176,000.00
Abbreviations: LS - Lump Sum; LF - Linear Feet; SQFT - Square Feet;							

PRELIMINARY COST ESTIMATE

Ouray Fellin Park - Preliminary Opinion of Probable Costs				
Preliminary Option 1				
Master Plan - Preliminary Quantities		Prepared by DHM - 10/26/2016		
Item	Quantity	Unit	Unit Cost	Total
General				
Clearing and Grubbing	1	LS	\$ 15,000.00	\$ 15,000.00
			Subtotal	\$ 15,000.00
Activities				
Enhanced Playground (Equipment, Edging, Surfacing, etc.)	8,410	SF	\$ 35.00	\$ 294,350.00
Move Long Jump Pit	1	LS	\$ 3,500.00	\$ 3,500.00
Pickleball Striping (for 3 courts on ex. basketball court)	1	LS	\$ 1,000.00	\$ 1,000.00
Pickleball Nets	3	EA	\$ 200.00	\$ 600.00
Pickleball Posts (Set of 2)	3	EA	\$ 300.00	\$ 900.00
Portable Discus/Shot Put Cage	1	EA	\$ 12,000.00	\$ 12,000.00
Portable Discus/Shot Put Platform	1	EA	\$ 6,000.00	\$ 6,000.00
Skate Park (New)	1	LS	\$ 300,000.00	\$ 300,000.00
Soccer Moveable Goal	2	EA	\$ 5,000.00	\$ 10,000.00
Volleyball Net/Posts	1	LS	\$ 3,200.00	\$ 3,200.00
			Subtotal	\$ 631,550.00
Structures				
Stage (30'x30')	900	SF	\$ 200.00	\$ 180,000.00
Restrooms (32'x17' Men's & 34'x17' Women's)	1,150	SF	\$ 300.00	\$ 345,000.00
Dressing Room/Storage (30'x10' space)	300	SF	\$ 275.00	\$ 82,500.00
Storage Area (30'x10' space)	300	SF	\$ 200.00	\$ 60,000.00
Picnic Shelter (20'x28' -fits 6 tables max.)	2	EA	\$ 50,000.00	\$ 100,000.00
			Subtotal	\$ 767,500.00
Furnishings				
Bench	10	EA	\$ 2,000.00	\$ 20,000.00
Bike Rack	25	EA	\$ 650.00	\$ 16,250.00
Trash/Recycling Receptacles	6	EA	\$ 2,800.00	\$ 16,800.00
Enhanced Baseball Bleachers (grouted boulders)	1	LS	\$ 25,000.00	\$ 25,000.00
Miners' Plaza Portable Bleacher (5 rows, 21' L)	2	EA	\$ 4,000.00	\$ 8,000.00
Picnic Table	6	EA	\$ 3,000.00	\$ 18,000.00
ADA Picnic Table	2	EA	\$ 3,000.00	\$ 6,000.00
Shade Sails	1	LS	\$ 15,000.00	\$ 15,000.00
Wayfinding Signage	1	LS	\$ 20,000.00	\$ 20,000.00
			Subtotal	\$ 145,050.00
Hardscape				
Asphalt Trail (Hot Mix Asphalt) (3") Patching	1	LS	\$ 1,500.00	\$ 1,500.00
Gravel Parking Lot (4")	280	CY	\$ 62.00	\$ 17,360.00
Aggregate Base Course for Parking Lot (6")	420	CY	\$ 50.00	\$ 21,000.00
Concrete Plaza (6")	962	SF	\$ 12.00	\$ 11,544.00
Aggregate Base Course (for plaza) (6")	18	CY	\$ 50.00	\$ 900.00
Concrete Walks & Pads (under picnic shelters) (4")	1,400	SF	\$ 10.00	\$ 14,000.00
Aggregate Base Course (under picnic shelters) (6")	20	CY	\$ 50.00	\$ 1,000.00
Crusher Fines (stabilized) (3")	33,230	SF	\$ 4.00	\$ 132,920.00
Aggregate Base Course (under stabilized crusher fines) (4")	410	CY	\$ 50.00	\$ 20,500.00
Crusher Fines (no stabilizer) (4-5")	19,200	SF	\$ 2.00	\$ 38,400.00
Boulders	50	EA	\$ 250.00	\$ 12,500.00
			Subtotal	\$ 271,624.00

Landscape Improvements				
Selective Demolition (culverts, debris, rubble, vegetation, etc)	1	LS	\$ 15,000.00	\$ 15,000.00
Construction Staking	1	LS	\$ 20,000.00	\$ 20,000.00
Erosion Control	1	LS	\$ 12,000.00	\$ 12,000.00
Grading	3,000	CY	\$ 10.00	\$ 30,000.00
Soil Amendment (topdress with 4 CY/1,000 SF)	80	CY	\$ 105.00	\$ 8,400.00
Topsoil (6" depth - some for turf repair and shrub beds)	680	CY	\$ 70.00	\$ 47,600.00
Topsoil (4" depth in native areas)	200	CY	\$ 70.00	\$ 14,000.00
Deciduous Tree (2" Caliper)	44	EA	\$ 525.00	\$ 23,100.00
Evergreen Tree (8' Ht.)	10	EA	\$ 525.00	\$ 5,250.00
Shrub (5 gallon)	200	EA	\$ 50.00	\$ 10,000.00
Perennial	500	EA	\$ 15.00	\$ 7,500.00
Ornamental Grass	100	EA	\$ 15.00	\$ 1,500.00
Native Revegetation (Willow Stakes/Cottonwood Poles)	2,000	EA	\$ 5.00	\$ 10,000.00
Upland Seed Mix	15,900	SF	\$ 0.20	\$ 3,180.00
Patch Softball Outfield with Sod (where Irrigation is fixed)	20,000	SF	\$ 2.00	\$ 40,000.00
Irrigation for Baseball Field	94,000	SF	\$ 1.50	\$ 141,000.00
Temporary Irrigation for Upland Seed	15,900	SF	\$ 1.00	\$ 15,900.00
Irrigation for Shrub Beds/Trees (in crusher fines areas)	19,100	SF	\$ 2.00	\$ 38,200.00
			Subtotal	\$ 442,630.00
Utilities				
Electrical Infrastructure	1	LS	\$ 33,000.00	\$ 33,000.00
Restroom Electrical	1	LS	\$ 5,000.00	\$ 5,000.00
Picnic Shelter Electrical	1	LS	\$ 2,000.00	\$ 2,000.00
Stage/Storage Structure Electrical	1	LS	\$ 21,000.00	\$ 21,000.00
Ball Field Lighting (minimal & for event clean up)	1	LS	\$ 40,000.00	\$ 40,000.00
Bollard Lights (around track)	1	LS	\$ 65,000.00	\$ 65,000.00
Vendor Pedestals	1	LS	\$ 9,000.00	\$ 9,000.00
Lighting Control System	1	LS	\$ 10,000.00	\$ 10,000.00
Pickle Ball/Basketball Court Lighting	1	LS	\$ 29,000.00	\$ 29,000.00
Other Utilities (assume minimal utility relocation)	1	LS	\$ 150,000.00	\$ 150,000.00
Storm Drain Pipe/Inlets/Water Quality Infrastructure	1	LS	\$ 75,000.00	\$ 75,000.00
Flood Proofing Allowance (Structures & Utilities)	1	LS	\$ 50,000.00	\$ 50,000.00
			Subtotal	\$ 489,000.00
			SUM	\$ 2,762,354.00
			construction contingency 25%	\$ 690,588.50
			mobilization 5%	\$ 138,117.70
			materials testing 1%	\$ 27,623.54
			design fees 10%	\$ 276,235.40
			TOTAL SUM	\$ 3,894,919.14
Assumptions:				
Estimate is based on preliminary illustrative plans. The cost will evolve as more detailed designs are developed.				
Does not include Owner's Contingency/Owner's Rep.				
See Electrical Cost Estimate on page 75 of this Master Plan document for more information on electrical costs.				
Does not include escalation, assume approx. 4% per year from 2016.				

CONCLUSION



Fellin Park Playground

This picture is taken from the north end of the playground (near the Bath House) facing south. The playground at Fellin Park is a celebrated community gathering space located between the hot springs and the softball field. The playground is to remain in its current location, although the playground layout and some of the equipment may be updated during future improvements.

Conclusion

The improvements at Fellin Park would increase the functionality of the park as well as encourage a wider user group to engage in the activities provided at the park. Better restrooms and a new permanent, and iconic stage would entice more events and outdoor performances to occur at the park. Enhancements to the utilities (electrical, lighting, irrigation) would make maintenance for the park easier and would also improve the aesthetics of the park. (Enhanced irrigation would also ensure a higher plant survival rate and would promote better grass coverage—less brown spots—in the outfield of Smokey Joe Wood Field.) Moreover, the softball outfield would offer multi-use activities with the additions of soccer field striping, an area for grass volleyball courts to be set up, and a removable discuss/shot-put throw platform and net with outfield striping. The long jump pit would also be relocated from the basketball court area to be near the skate park—which would allow for more landscaping improvements near the basketball court. A new playground, perhaps nature-themed with rock climbing boulders or play equipment, would tie the playground in with its surroundings more. The new playground would offer equipment that would accommodate for a wider range of children's abilities and age groups. A new modern skate park with more features could replace the existing structure to offer more challenges to skaters and boarders as well as make the park more aesthetically-pleasing. Adding new picnic shelters around Fellin Park and enhancements to the current picnic area will create more space for picnickers as well as improve the aesthetics of the picnic areas for park users. The vendor area will remain in the same location, but will be improved with electrical outlets for vendors and an ADA accessible crusher fines ground plane for vendors to set up on. The Miner's Walk and new Miner's Plaza areas within Fellin Park will promote local history and enhance park aesthetics. The open front-back stage adjacent to the Miner's Plaza also would offer a great location for the Highgraders' mining events to take place. The information kiosk, donated by the Beautification Committee, would be relocated into the more prominent location of the entry plaza area by the hot springs; this location would increase foot traffic and awareness of community events listed in the kiosk. In addition to the kiosk information, more wayfinding signage would be incorporated around Fellin Park. Restrooms, the picnic area, the stage, the overflow parking lot, and the Miner's Plaza would be especially important to have signage for as these features are located along the Uncompahgre River at the back of the park and may not be highly visible from the park entrances. All of these improvements would enhance the park experience for visitors as well as offer more activities for a wider range of user groups.