

CEDAR HILLS MASTER PARKS PLAN

2/13/19



PREPARED BY:
In Site
DESIGN GROUP
Landscape Architecture Land Planning
801.756.5043 www.in-sitedesigngroup.com

CEDAR HILLS PARKS MASTER PLAN

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CEDAR RUN PARK 	SUNSET PARK
HERITAGE PARK 	MESQUITE PARK
DORAL PARK 	BAYHILL PARK
HEISELT'S HALLOW PARK 	TIMPANOGOS PARK
PINE HOLLOW PARK 	HARVEY PARK
ST. ANDREWS ESTATE 	

CEDAR RUN PARK

IMAGE INVENTORY



Update playground equipment, and perform irrigation audit



Remove over grown evergreen for safety and visibility



Replace concrete curbing



Slope is to steep adjacent to concrete curbing play area. Regrade area.

SITE INVENTORY AND ANALYSIS

PARK FEATURES

- PLAYGROUND
- BENCH
- PICNIC TABLE
- KIOSK
- BIKE RACK
- DRINKING FOUNTAIN
- RESTROOM
- DOG WASTE STATION
- SHADE STRUCTURE
- GRILL
- AMPHITHEATER
- BASEBALL FIELD
- BASKETBALL COURT
- SOCCER FIELD
- VOLLEYBALL COURT
- TREES

KEY:
 EXISTING QTY.
 PROPOSED QTY.
 TREE REMOVAL

ANALYSIS:

Cedar Run Park is a tucked away park that is very close to the Murdock Canal Trail, but remains secluded. It has a lot of wear and tear and is rundown. The park is traveled to mostly on foot by small neighborhood children. There is some open grass space that is used for water detention. The evergreen by the playground is healthy however, it is a safety concern because it is over growing into the playground area. It is also causing a visual barrier between the street and park.



SITE IMPROVEMENTS:

- Refill wood chips
- Replace damaged concrete curbing
- Remove large evergreen near playground
- Regrade detention grate area for play area safety
- Add deciduous trees
- Add bench
- Update play equipment
- Add bike rack





IMAGE INVENTORY



Replace fruiting trees with large shade trees



Patch and repair street crossing



Enhance and restore pavilion



Patch and repair trail

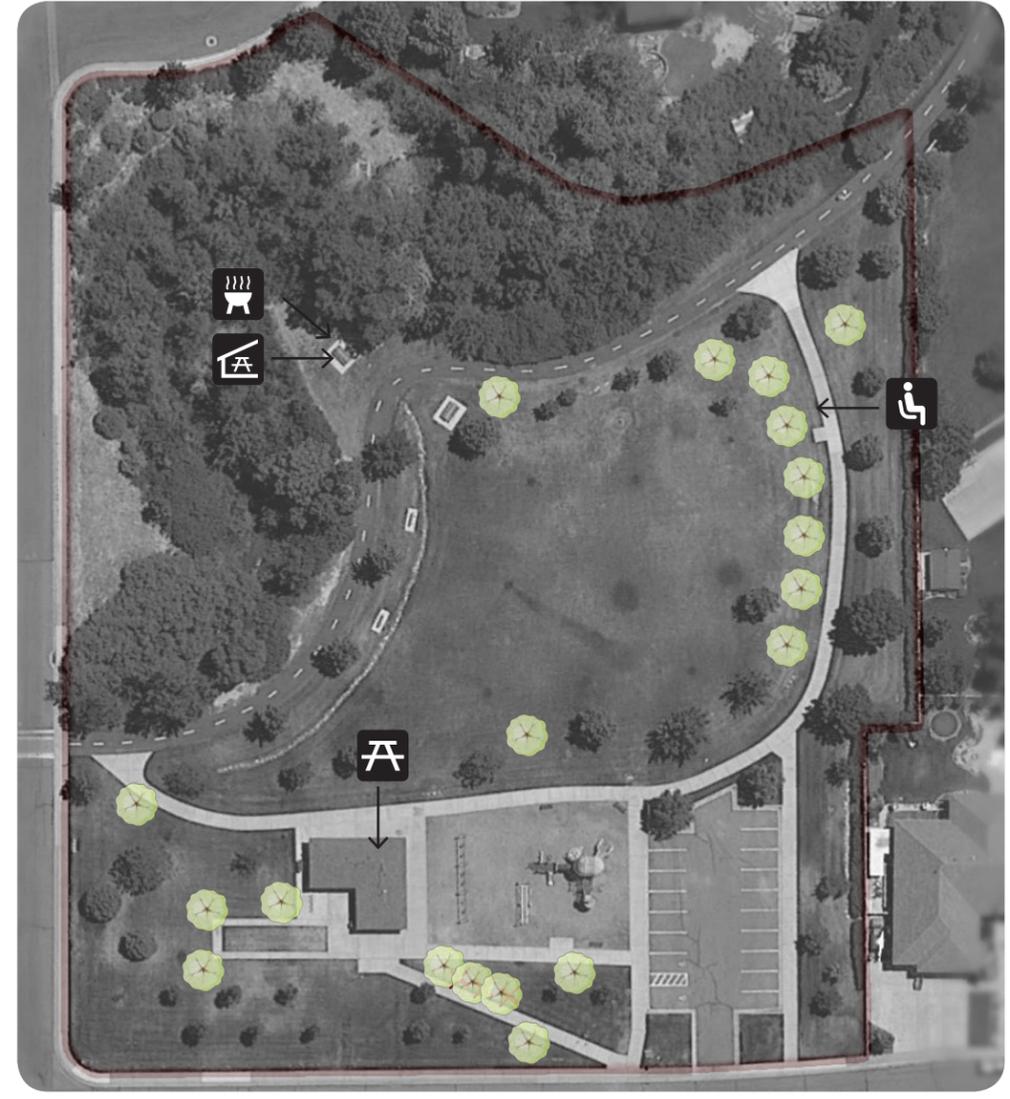


Add grill and small pavilion over picnic table

SITE INVENTORY AND ANALYSIS

ANALYSIS:

Sunset Park is a well maintained park. The bike trail runs right along the edge of the park, which makes it a great pit stop or destination for the people in the area. Most of the trees are growing at a good rate, and have not yet met their full size. A few trees will need replaced, as they did not do as well as the others. There is plenty of seating around the park and it appeals to a wide variety of users. There is plenty of parking for the people that don't live within walking or biking distance. Overall this is a well loved park and is serving its purpose nicely.



SITE IMPROVEMENTS:

- Add trees for more shade
- Replace dead trees
- Add pavilion over existing picnic table
- Add bench
- Repair and improve street crossing/painting
- Cosmetic update on existing pavilion
- Add grill

PARK FEATURES

- PLAYGROUND
- BENCH
- PICNIC TABLE
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KEY:
 EXISTING QTY.
 PROPOSED QTY.
 TREE REMOVAL

SUNSET PARK

- CEDAR RUN PARK
- SUNSET PARK
- HERITAGE PARK
- MESQUITE PARK
- DORAL PARK
- BAYHILL PARK
- HEISELT'S HALLOW PARK
- TIMPANOGOS PARK
- PINE HOLLOW PARK
- HARVEY PARK
- ST. ANDREWS ESTATE





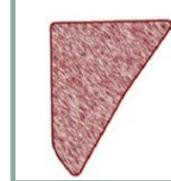
IMAGE INVENTORY

SITE INVENTORY AND ANALYSIS

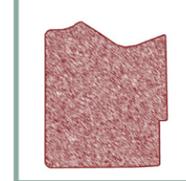
PARK FEATURES

HERITAGE PARK

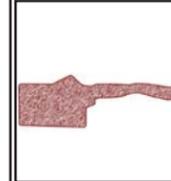
CEDAR RUN PARK



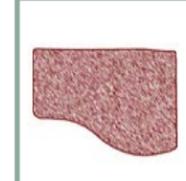
SUNSET PARK



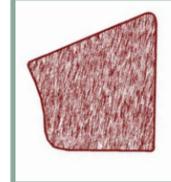
HERITAGE PARK



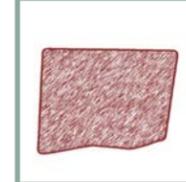
MESQUITE PARK



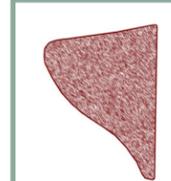
DORAL PARK



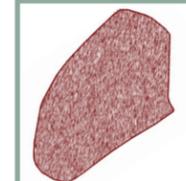
BAYHILL PARK



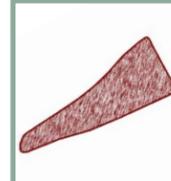
HEISELT'S HALLOW PARK



TIMPANOGOS PARK



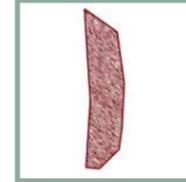
PINE HOLLOW PARK



HARVEY PARK



ST. ANDREWS ESTATE



There is no path to this bridge, causing connectivity issues



Change posts to Frisbee golf buckets



Replace play equipment



Increase connectivity to desired locations



Relocate and improve volleyball pit

ANALYSIS:

Heritage park is a main park along the Forest Glen Trail. This park appeals to a wide range of users because it has many different activities for guests. There is a creek that runs through the park that in the summer months, when there is enough water provides for a fun interaction for children of all ages. There is a Frisbee Golf Course that really takes advantage of what would otherwise be unusable space. The set up of the course is a bit unconventional using posts as the final target instead of real Frisbee Golf buckets. There is a lot of character with the bridges that cross over the creek, and the large shade trees, but they could be better connected. The trees are starting to reach the end of their life expectancy and new trees should be planted to replace the lush shaded areas within the park. The bike path through the center seems to be the main form of circulation to the park, but could use patch and repair in main areas where the trees are uprooting the asphalt. This is a very central park for Cedar Hills, and is a wonderful hub along the bike trails.

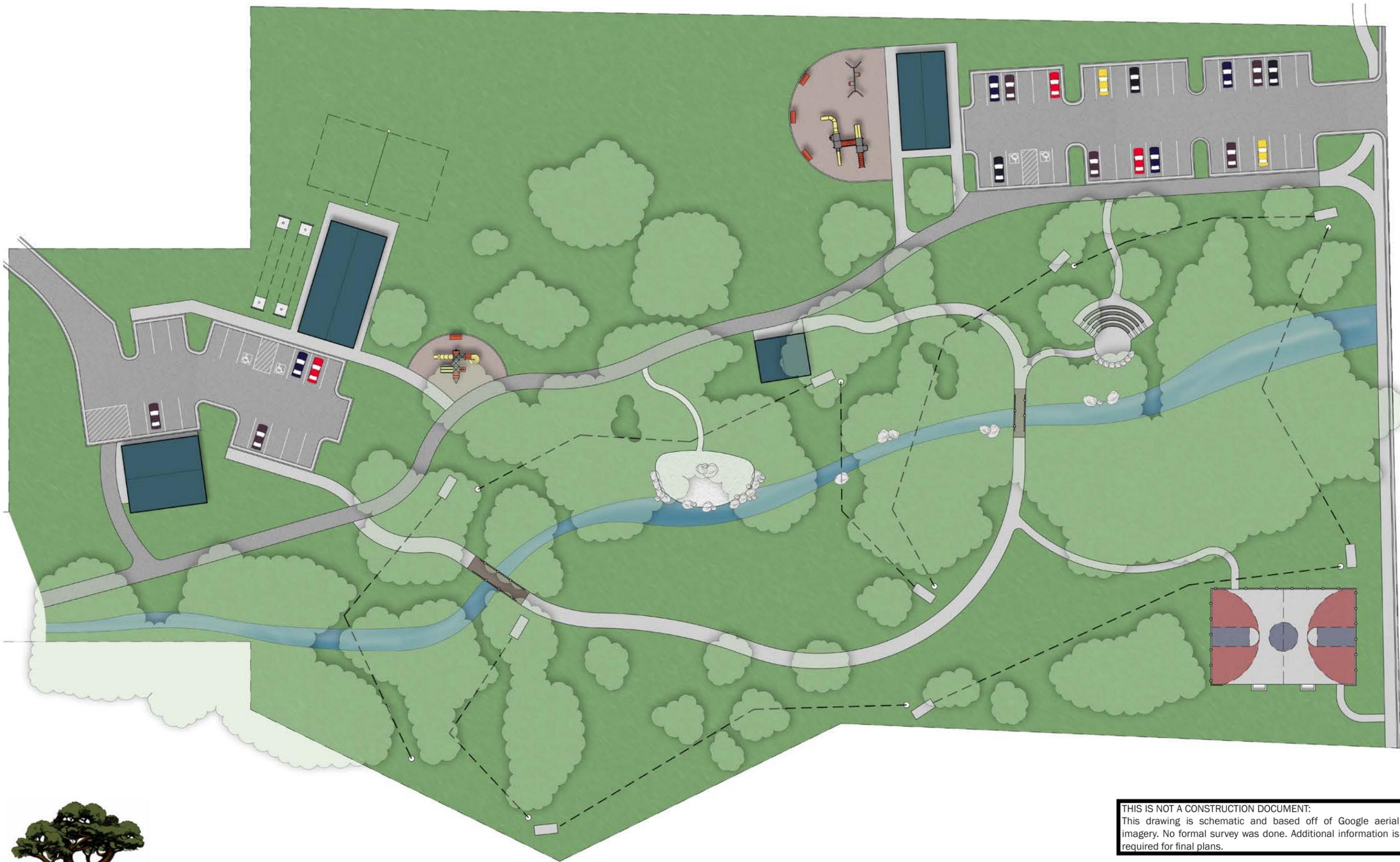


SITE IMPROVEMENTS:

- Replace Frisbee golf posts with buckets
- Replace sand in volleyball area with grass.
- Phase in new trees to replace large existing trees
- Connect amenities better
- Update/Replace playground equipment
- Increase parking
- Patch and repair trail
- Cosmetically improve existing pavilion
- Paint and enhance bridges
- Add bike racks
- Add water fountain by basketball courts
- Create play area for creek
- Update amphitheater

- PLAYGROUND
- BENCH
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- BASEBALL FIELD
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- SOCCER FIELD
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- TREES

KEY:
EXISTING QTY.



THIS IS NOT A CONSTRUCTION DOCUMENT:
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LEGEND

TREE REMEDIATION CONCEPT



EXISTING TREE CANOPY



PROPOSED EVERGREEN TREE



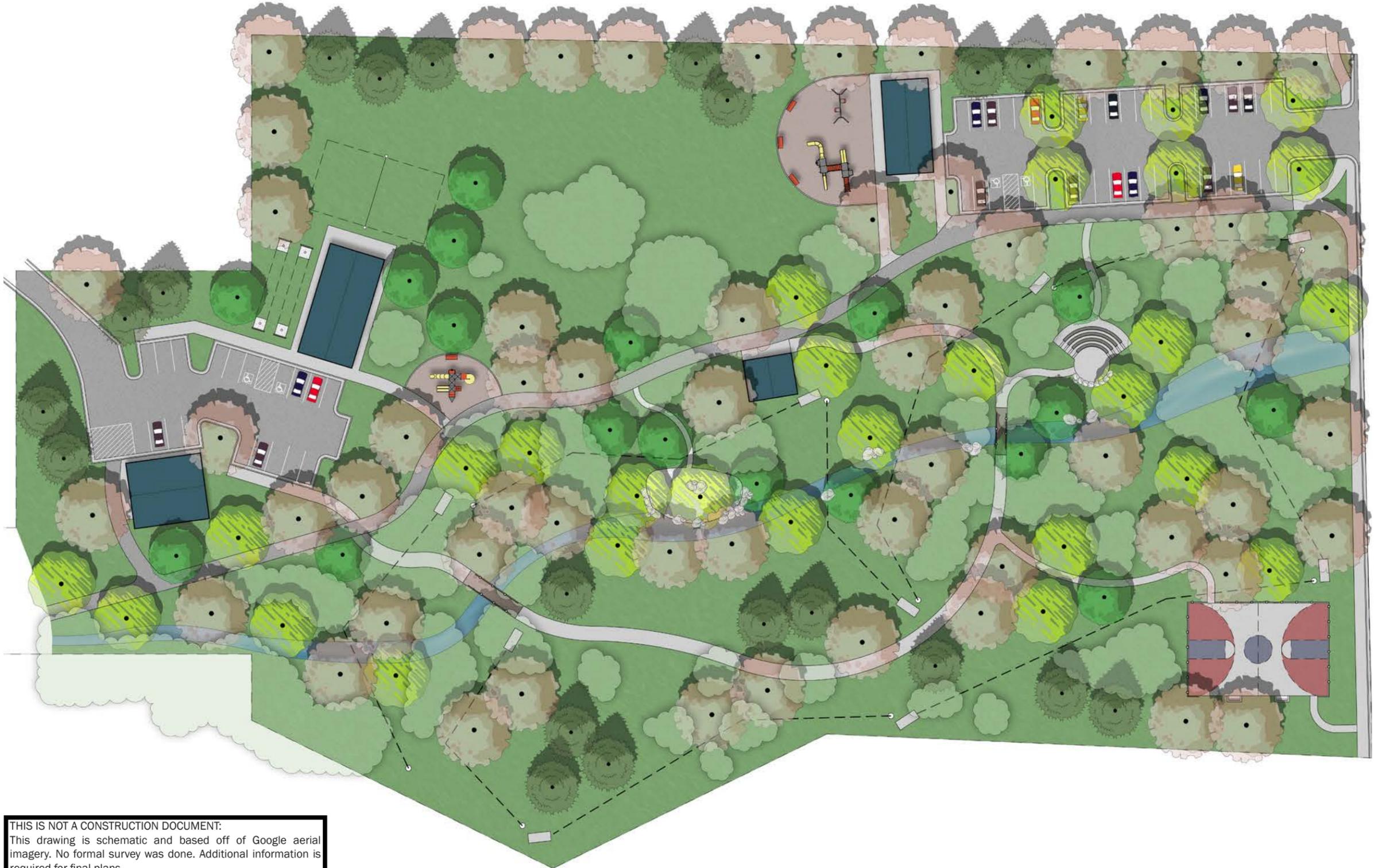
PHASE 1 TREES



PHASE 2 TREES



PHASE 3 TREES



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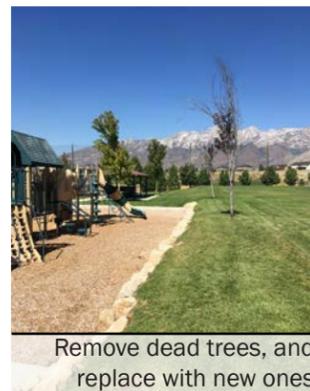




IMAGE INVENTORY



Disorganized soccer nets



Remove dead trees, and replace with new ones



Add drinking fountain to bathrooms



Create larger pavilion

SITE INVENTORY AND ANALYSIS

PARK FEATURES

ANALYSIS:

Mesquite Park is primarily used for soccer games. There is a lack of shade along the sidelines of the soccer field. The existing park is great for parents with multiple children. While some kids are playing soccer the others may enjoy the playground. This playground could be improved to accommodate a larger age range of children. The bathroom pavilion is in a good location, but could have a drinking fountain added to accommodate more people. There is a good amount of parking and fits the needs of the park well. The soccer goals are disorganized. By adding some kind of line mapping, this park will be able to maximize the amount of grass field space that is available.



SITE IMPROVEMENTS:

- Increase the amount of trees for more shade
- Create an efficient layout for soccer fields/ organize goals
- Irrigation audit
- Add swing set
- Update/increase the size of the pavilion
- Add water fountain
- Add bike rack
- Add seating around the east side of the park
- Detention rock changed to grass

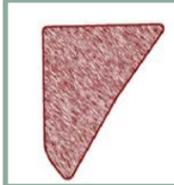
- PLAYGROUND
- BENCH
- PICNIC TABLE
- KIOSK
- BIKE RACK
- DRINKING FOUNTAIN
- RESTROOM
- DOG WASTE STATION
- SHADE STRUCTURE
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- BASEBALL FIELD
- BASKETBALL COURT
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- VOLLEYBALL COURT
- TREES

KEY:

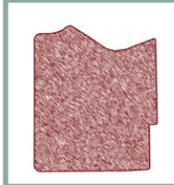
- EXISTING QTY. ■
- TREE REMOVAL X

MESQUITE PARK

CEDAR RUN PARK



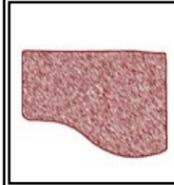
SUNSET PARK



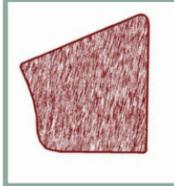
HERITAGE PARK



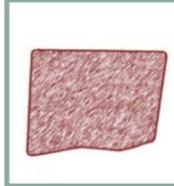
MESQUITE PARK



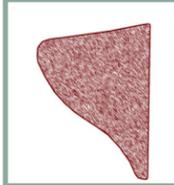
DORAL PARK



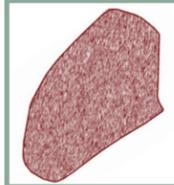
BAYHILL PARK



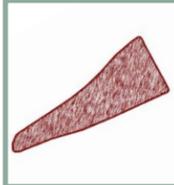
HEISELT'S HALLOW PARK



TIMPANOGOS PARK



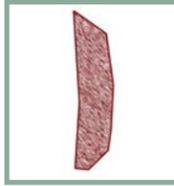
PINE HOLLOW PARK



HARVEY PARK



ST. ANDREWS ESTATE



LEGEND

PARK UPDATE SCHEMATIC CONCEPT

- EXISTING TREES
- EXISTING EVERGREEN TREES
- PROPOSED EVERGREEN TREES
- PROPOSED TREES



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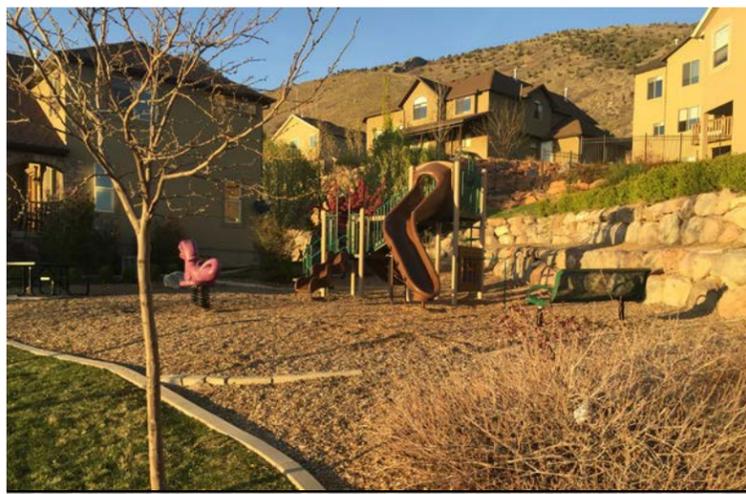
IMAGE INVENTORY

SITE INVENTORY AND ANALYSIS

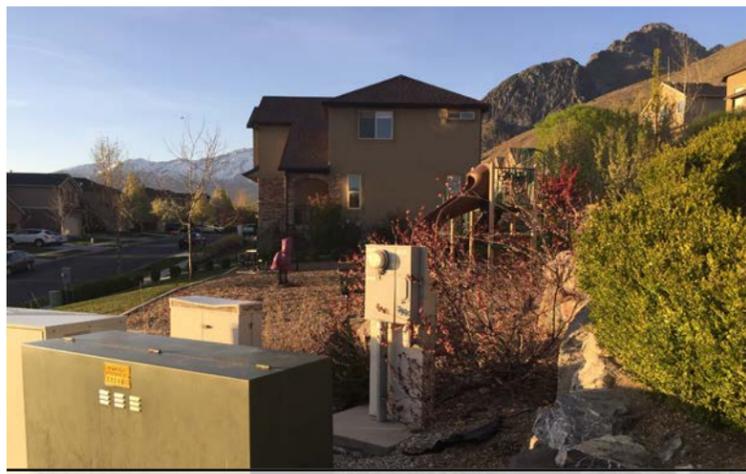
PARK FEATURES

- CEDAR RUN PARK
- SUNSET PARK
- HERITAGE PARK
- MESQUITE PARK
- DORAL PARK
- BAYHILL PARK
- HEISELT'S HALLOW PARK
- TIMPANOGOS PARK
- PINE HOLLOW PARK
- HARVEY PARK
- ST. ANDREWS ESTATE

DORAL PARK



Engineered, woodfiber depth not up to standard due to difficult grading



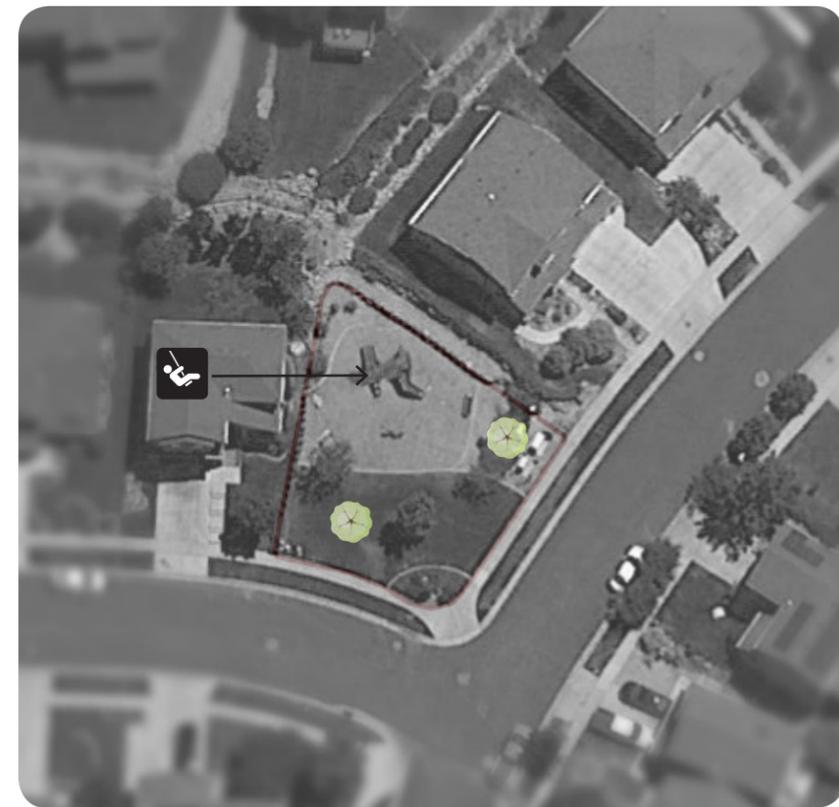
Refresh landscape along boulder wall



Add trees for shade, change play equipment.

ANALYSIS:

Doral park is a nice small park that services the surrounding neighborhood. It has some shade trees, but could use a few additional trees. The seating is good for the amount of people that it services, however some maintenance attention is necessary to the existing seating. The landscape shrubs on top of the walls need revamped and improved. The engineered wood fiber depth is not to code and there is a grading issue that makes it nearly impossible to sustain the appropriate depth.



SITE IMPROVEMENTS:

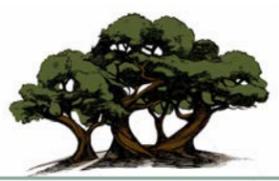
- Add trees for more shade
- Replace existing benches
- Refresh landscaping on top of boulder wall
- Replace play equipment with toddler equipment

- PLAYGROUND
- BENCH
- PICNIC TABLE
- KIOSK
- BIKE RACK
- DRINKING FOUNTAIN
- RESTROOM
- DOG WASTE STATION
- SHADE STRUCTURE
- GRILL
- AMPHITHEATER
- BASEBALL FIELD
- BASKETBALL COURT
- SOCCER FIELD
- VOLLEYBALL COURT
- TREES

KEY:

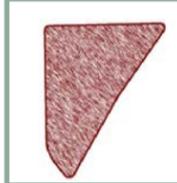
EXISTING QTY. ■

PROPOSED QTY. ■

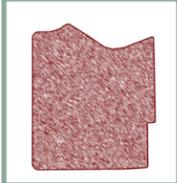




CEDAR RUN PARK



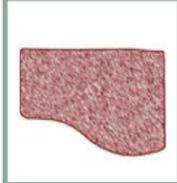
SUNSET PARK



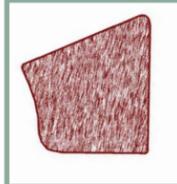
HERITAGE PARK



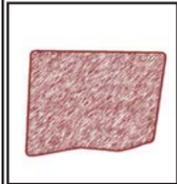
MESQUITE PARK



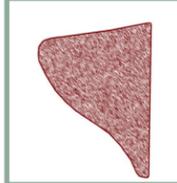
DORAL PARK



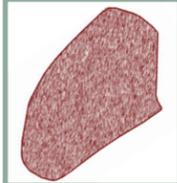
BAYHILL PARK



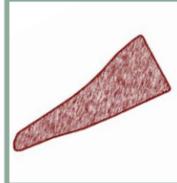
HEISEL'S HALLOW PARK



TIMPANOGOS PARK



PINE HOLLOW PARK



HARVEY PARK



ST. ANDREWS ESTATE



BAYHILL PARK

IMAGE INVENTORY



EXISTING PLAYGROUND EQUIPMENT



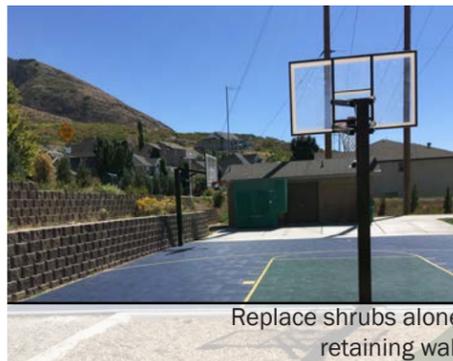
EXISTING SHADE STRUCTURE AND PICNIC TABLE



EXISTING BENCH



EXISTING BENCH



Replace shrubs along retaining wall

SITE INVENTORY AND ANALYSIS

ANALYSIS:

Bayhill Park is Cedar Hills City's newest park. The design is well thought out and serves as a nice trail head parking area as well. There is a lot of pavilion space and picnicking area. There is a lack of trees around the play areas of this park. The basketball court is in great shape and is good for kids or adults. Some of the shrubs along the street side of the park should be replaced as they are dying.



SITE IMPROVEMENTS:

- Add trees for more shade
- Replace dead shrubs

PARK FEATURES

- PLAYGROUND
- BENCH
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- TREES

KEY:

- EXISTING QTY.
- PROPOSED QTY.



HEISELT'S HOLLOW PARK

IMAGE INVENTORY



Clean up and improve field, irrigation audit



Fix field irrigation and drainage



Remove baseball backstop padding



Create boulder stairs/fix soil slide

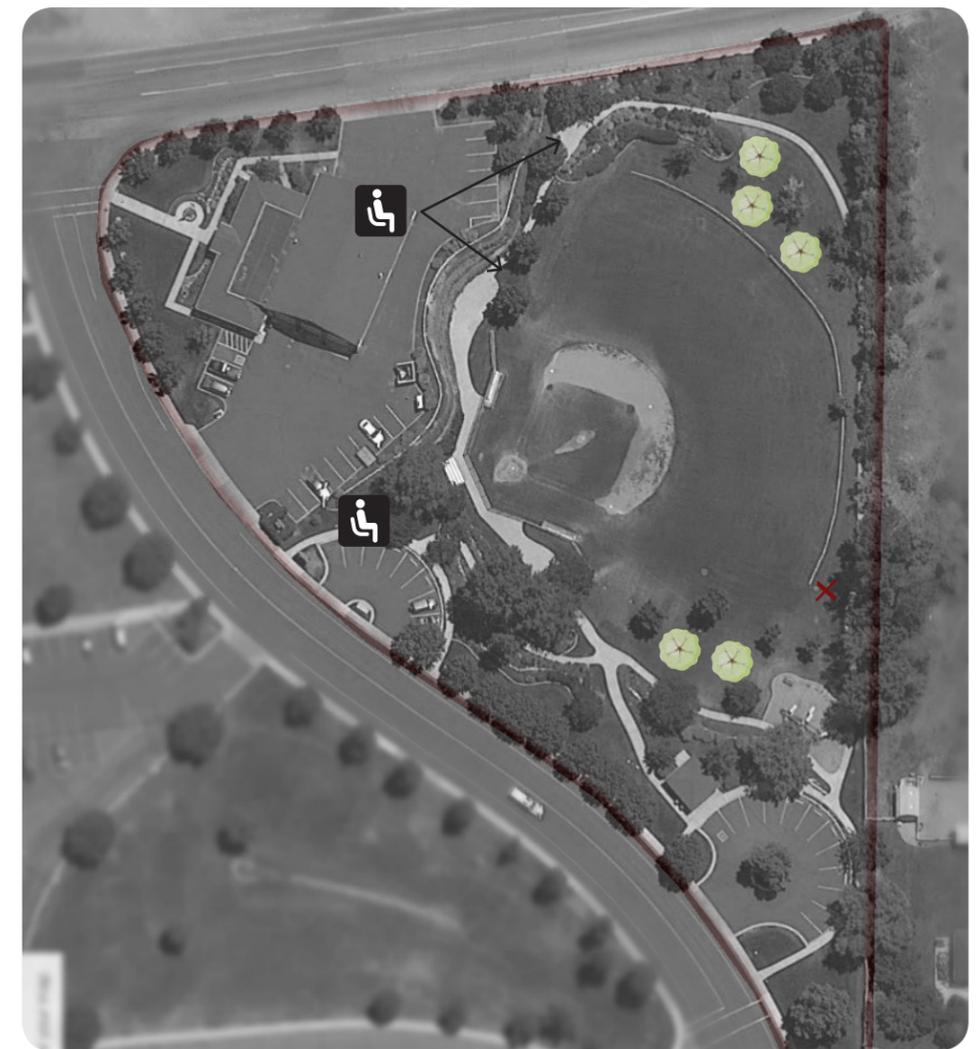


Add seating, and trees for shade

SITE INVENTORY AND ANALYSIS

ANALYSIS:

Heiselt's Hollow Park is a larger neighborhood park. It has a small playground that is accompanied by a baseball field. The walking trail around the outside is a nicely vegetated loop with smaller private areas throughout. The baseball field is rundown and could use a face lift, as well as more seating areas.



SITE IMPROVEMENTS:

- Add trees for more shade
- Replace dead trees
- Add benches
- Improve drainage of field
- Patch and repair trail
- Remove baseball backstop padding
- Irrigation audit
- Create boulder steps near playground

PARK FEATURES

- PLAYGROUND
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KEY:

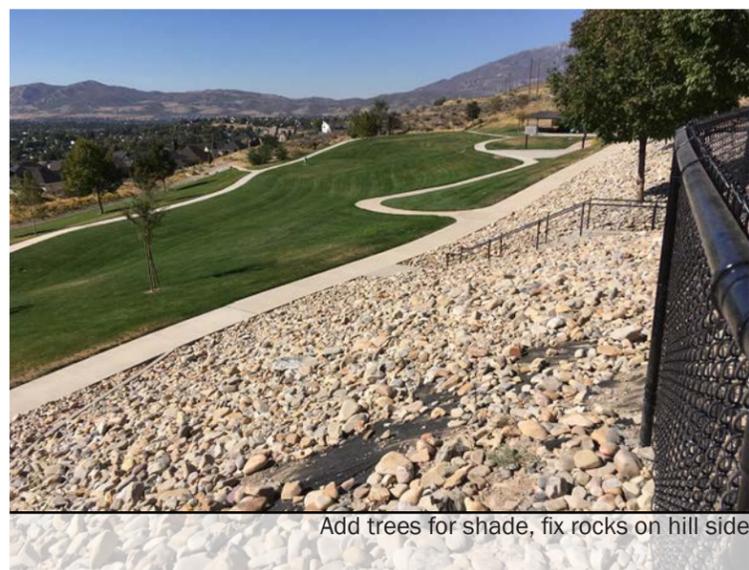
- EXISTING QTY.
- PROPOSED QTY.
- TREE REMOVAL





TIMPANOGOS COVE PARK

IMAGE INVENTORY



SITE INVENTORY AND ANALYSIS

ANALYSIS:

Timpanogos Cove Park is a park up on a hill with incredible views. It has nice wondering trails allowing for a good opportunity for exercise. The park has a lot of healthy grass, but could use more trees as it can be a very hot spot in the late hours of the day. The park does a good job of creating places to capitalize on the views. This is a large park that can accommodate many people, while still allowing them to all have their own area within the park. The drive to the park is deep within a neighborhood and by improving the connectivity with walking/ biking paths it would allow more users to enjoy this hidden gem.



SITE IMPROVEMENTS:

- Add trees for more shade
- Replace dead trees
- Fix rocks on hillside near playground
- Playground equipment needs fixed
- Repaint lines on basketball courts
- Refresh engineered wood fibers at playground/ swing areas
- Fix missing grill at small pavilion
- Create Dog park area
- Add bike rack

PARK FEATURES

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KEY:

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- PROPOSED QTY.





PINE HOLLOW PARK

CEDAR RUN PARK



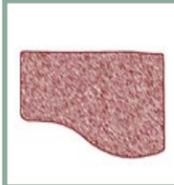
SUNSET PARK



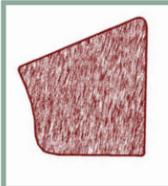
HERITAGE PARK



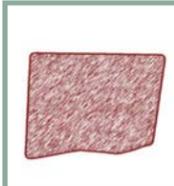
MESQUITE PARK



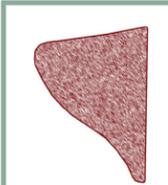
DORAL PARK



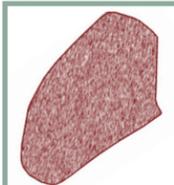
BAYHILL PARK



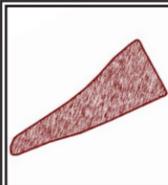
HEISEL'S HALLOW PARK



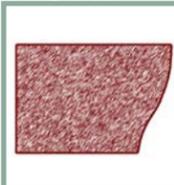
TIMPANOGOS PARK



PINE HOLLOW PARK



HARVEY PARK



ST. ANDREWS ESTATE



Replace dated play equipment



Replace bench and wood edging



Refill/ replace engineered wood fibers



Add trees to open grass area

SITE INVENTORY AND ANALYSIS

ANALYSIS:

Pine Hollow Park is a small park that many neighborhood kids use. It has wood edging around the playground area that is rotting and needs to be replaced. There is a lot more space within this park to take advantage of. The large shade tree is placed nicely by the picnic table to allow bystanders a comfortable place to sit. The bench on the other side of the park is old and rundown and should be replaced. The grass area below the park could be graded out to create a flat playable space.



SITE IMPROVEMENTS:

- Replace playground edging with a concrete curbing
- Add trees
- Add swing set
- Replace existing bench
- Add picnic table
- Replace play equipment

PARK FEATURES

- PLAYGROUND
- BENCH
- PICNIC TABLE
- KIOSK
- BIKE RACK
- DRINKING FOUNTAIN
- RESTROOM
- DOG WASTE STATION
- SHADE STRUCTURE
- GRILL
- AMPHITHEATER
- BASEBALL FIELD
- BASKETBALL COURT
- SOCCER FIELD
- VOLLEYBALL COURT
- TREES

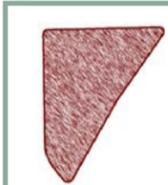
KEY:

- EXISTING QTY.
- PROPOSED QTY.

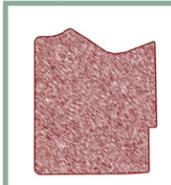


HARVEY PARK CONCEPT

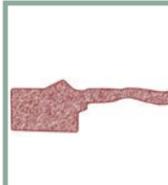
CEDAR RUN PARK



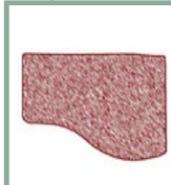
SUNSET PARK



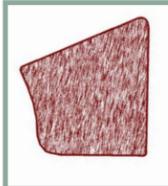
HERITAGE PARK



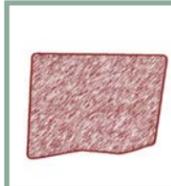
MESQUITE PARK



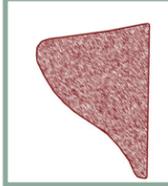
DORAL PARK



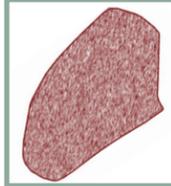
BAYHILL PARK



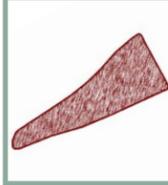
HEISEL'S HALLOW PARK



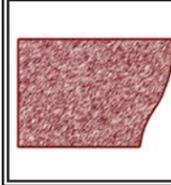
TIMPANOGOS PARK



PINE HOLLOW PARK



HARVEY PARK



ST. ANDREWS ESTATE

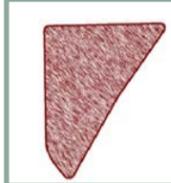


HARVEY PARK:
 This park is projected to begin phase 1 during 2019 and moving into phase 2 when feasible.

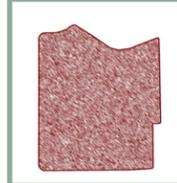


ST. ANDREWS ESTATE

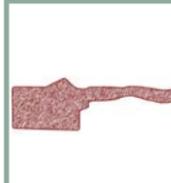
CEDAR RUN PARK



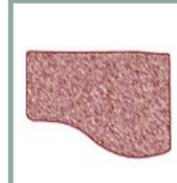
SUNSET PARK



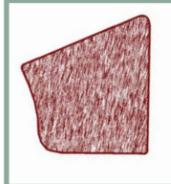
HERITAGE PARK



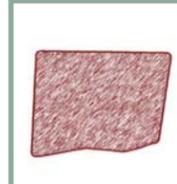
MESQUITE PARK



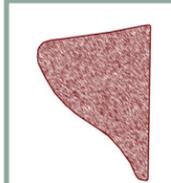
DORAL PARK



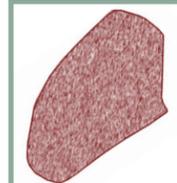
BAYHILL PARK



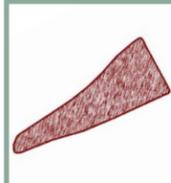
HEISEL'S HALLOW PARK



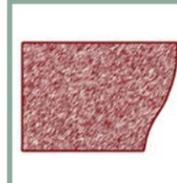
TIMPANOGOS PARK



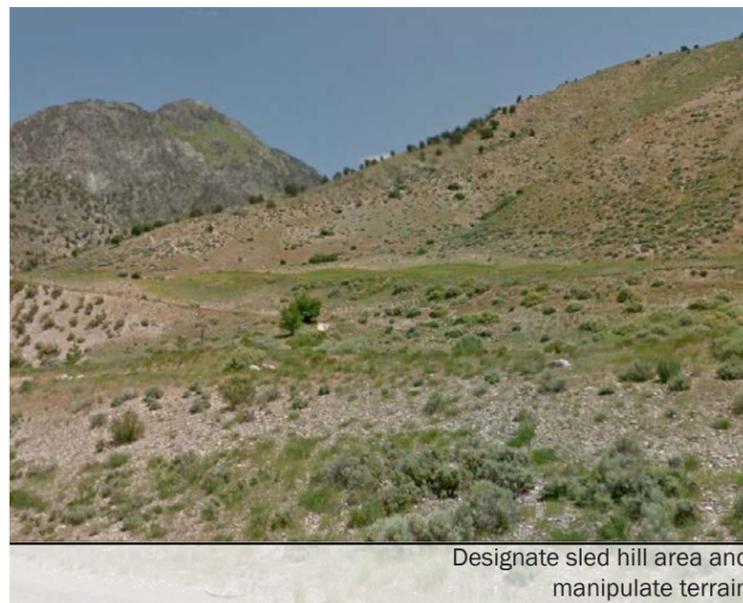
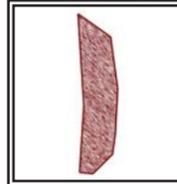
PINE HOLLOW PARK



HARVEY PARK

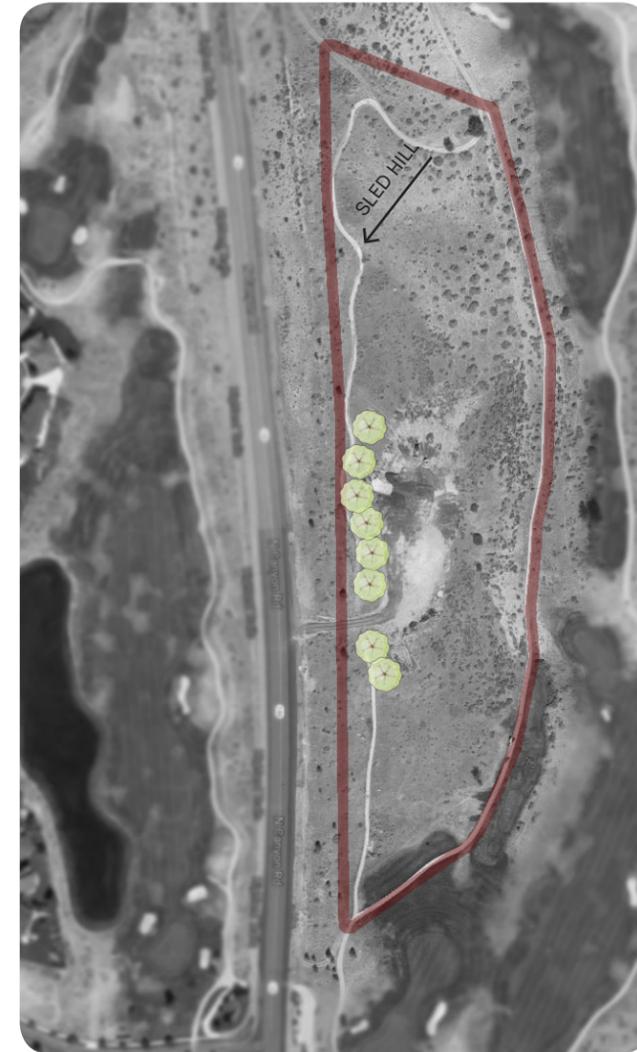


ST. ANDREWS ESTATE



ANALYSIS:

St. Andrews Estate use to be a golf course hole that has been removed. It is not used by public works as a work area. It is a great place for a sledding hill because the golf course cart path makes it easy to access the native terrain.



SITE IMPROVEMENTS:

- Add tree screen around work area
- Designate sled hill area and clear shrubs in the vicinity

SITE INVENTORY AND ANALYSIS

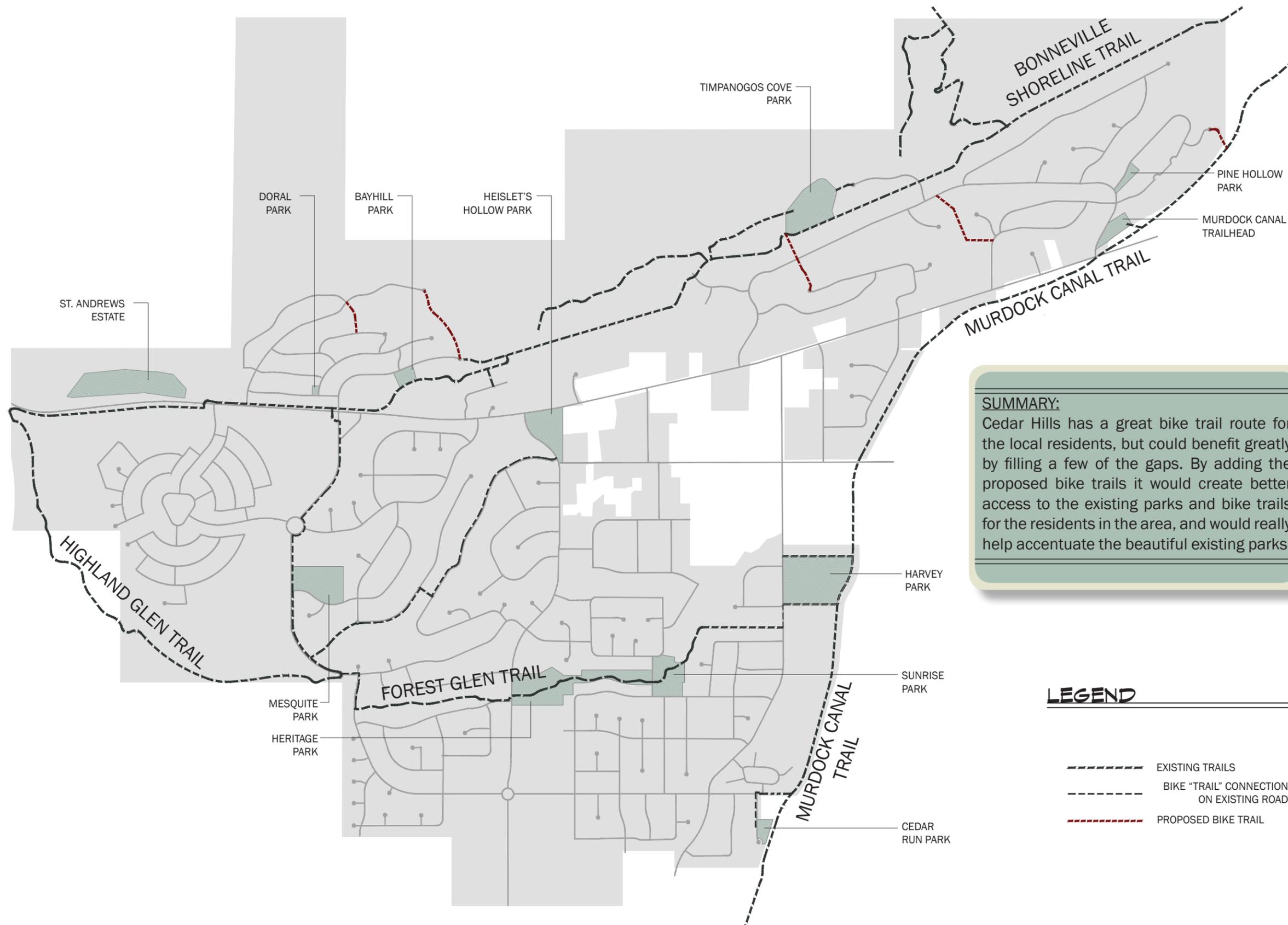
PARK FEATURES

- PLAYGROUND
- BENCH
- PICNIC TABLE
- KIOSK
- BIKE RACK
- DRINKING FOUNTAIN
- RESTROOM
- DOG WASTE STATION
- SHADE STRUCTURE
- GRILL
- AMPHITHEATER
- BASEBALL FIELD
- BASKETBALL COURT
- SOCCER FIELD
- VOLLEYBALL COURT
- TREES

KEY:

- EXISTING QTY.
- PROPOSED QTY.

TRAIL CONNECTIVITY MAP



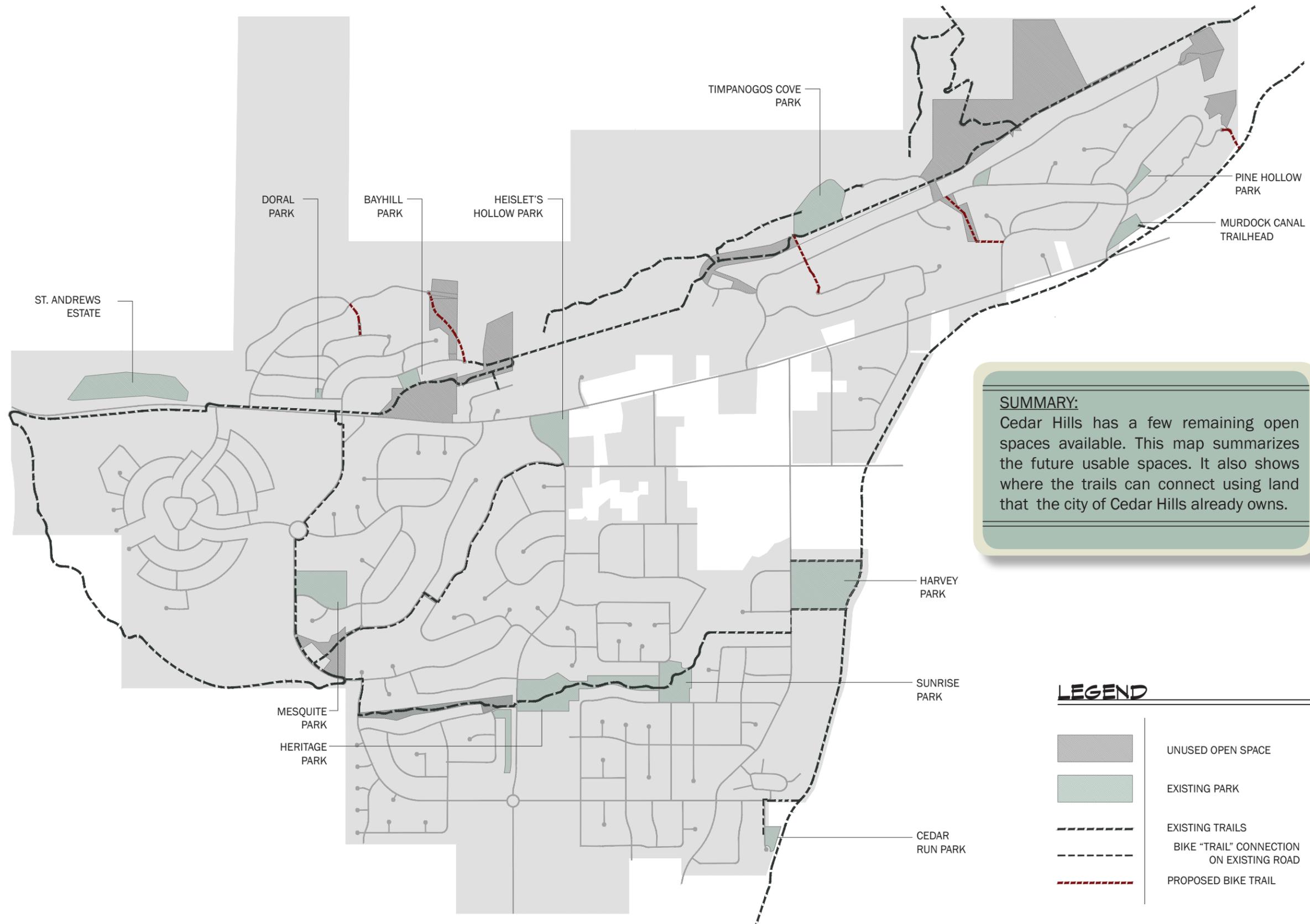
SUMMARY:
 Cedar Hills has a great bike trail route for the local residents, but could benefit greatly by filling a few of the gaps. By adding the proposed bike trails it would create better access to the existing parks and bike trails for the residents in the area, and would really help accentuate the beautiful existing parks.

LEGEND

-  EXISTING TRAILS
-  BIKE "TRAIL" CONNECTION ON EXISTING ROAD
-  PROPOSED BIKE TRAIL



CEDAR HILLS OPEN SPACE MAP

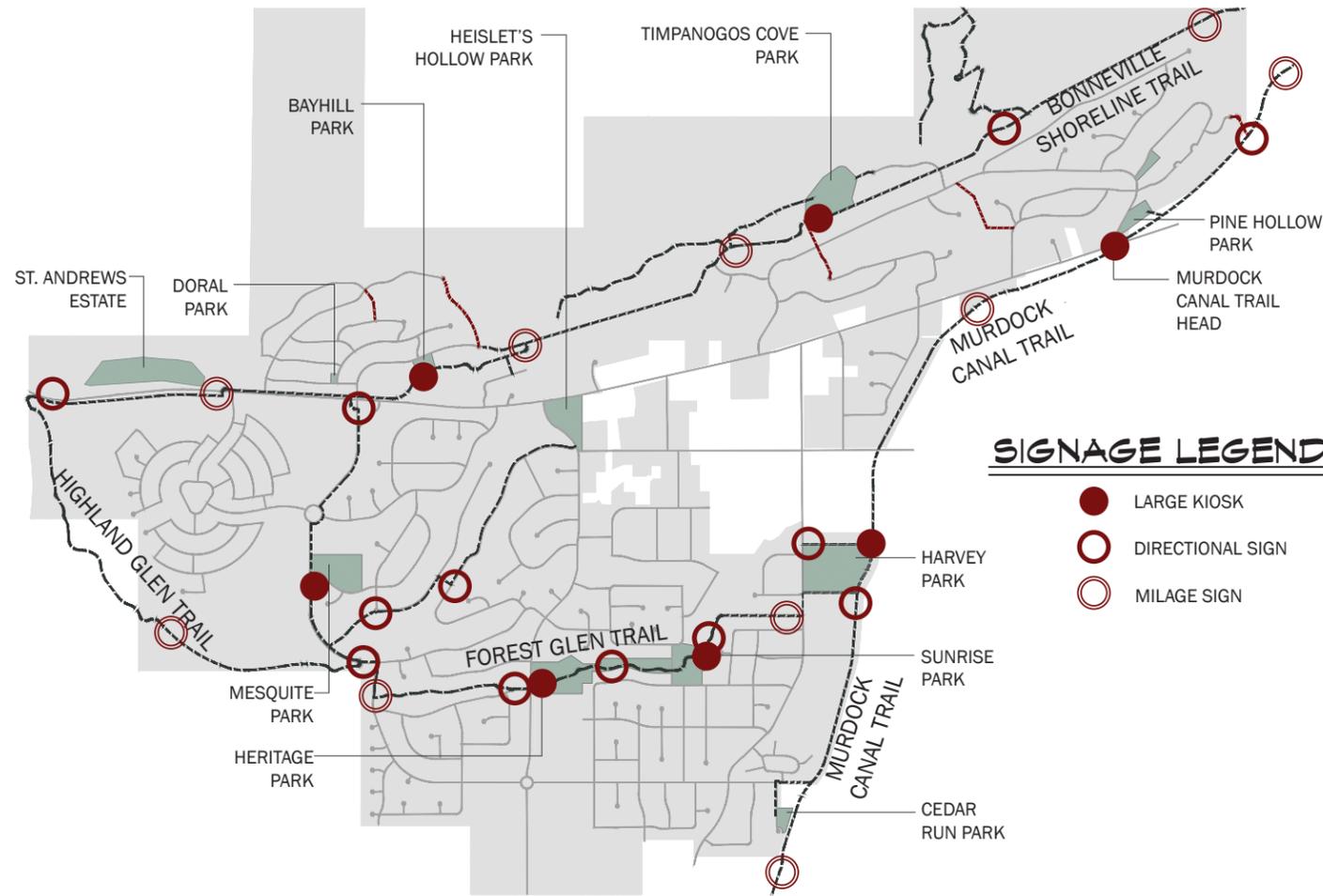


SUMMARY:
 Cedar Hills has a few remaining open spaces available. This map summarizes the future usable spaces. It also shows where the trails can connect using land that the city of Cedar Hills already owns.

LEGEND

-  UNUSED OPEN SPACE
-  EXISTING PARK
-  EXISTING TRAILS
-  BIKE "TRAIL" CONNECTION ON EXISTING ROAD
-  PROPOSED BIKE TRAIL

CEDAR HILLS SIGNAGE MAP



SIGNAGE LEGEND

- LARGE KIOSK
- DIRECTIONAL SIGN
- MILEAGE SIGN

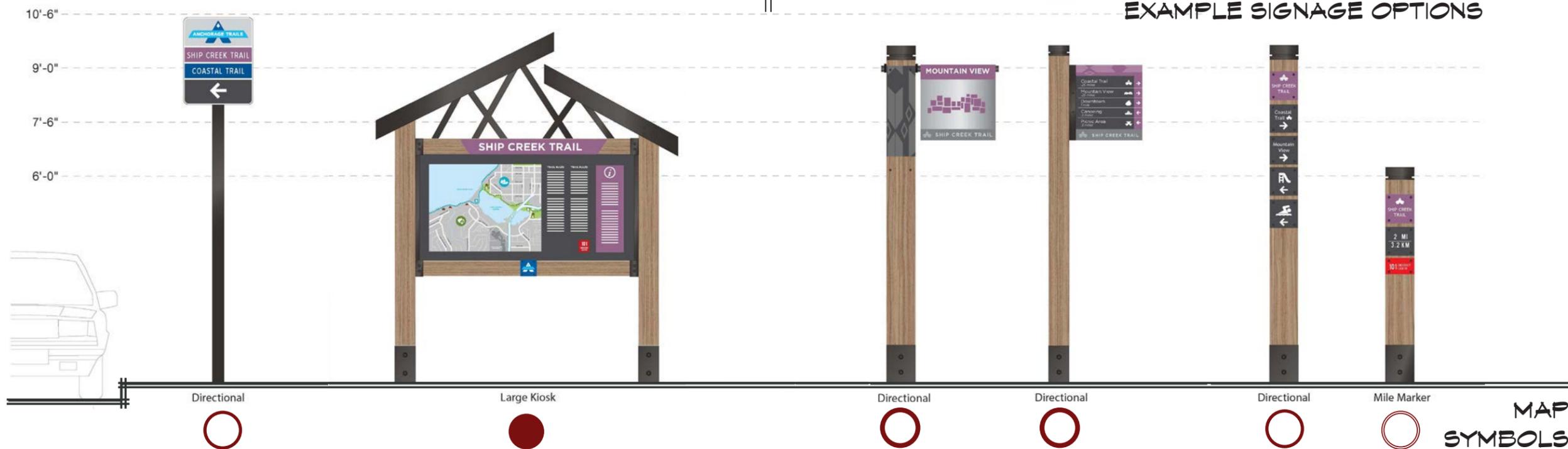
SUMMARY

The City of Cedar Hills will have a much better wayfinding system by incorporating consistent signage throughout the trails and park system. The large kiosk will have a trails map on it that will show people where they are and the proximity to the surrounding parks. The directional signage will allow users to see where the trails converge with the roads, and where they are heading, as well as what features they are on their way toward. The mile markers signage will be good for people who like to use the trail system for exercise. They will easily be able to know the distance between destinations and as well as how far they have come along the trail. These signs will largely increase the desirability of this beautiful trail system.

TRAIL SIGNAGE



EXAMPLE SIGNAGE OPTIONS



MAP SYMBOLS



CEDAR RUN PARK

ITEM DESCRIPTION	QTY	UNIT COST	TOTAL
ADDITIONAL TREE	6	\$ 400	\$ 2,400
REMOVE EXISTING SPRUCE TREE	1	\$ 1,000	\$ 1,000
ADDITIONAL BENCH	1	\$ 2,500	\$ 2,500
BIKE RACK	1	\$ 850	\$ 850
IRRIGATION AUDIT (if desired)	1	\$ 1,275	\$ 1,275
REFILL/ REFRESH WOODCHIPS (apx. 18 cy.)	1	\$ 1,200	\$ 1,200
REPLACE CONCRETE CURBING (30' of 6x6 concrete)	1	\$ 650	\$ 650
IMPROVE/REPLACE PLAY EQUIPMENT	1	\$ 20,000	\$ 20,000
TOTAL COST			\$ 29,875

SUNSET PARK

ITEM DESCRIPTION	QTY	UNIT COST	TOTAL
ADDITIONAL TREE	19	\$ 400	\$ 7,600
REMOVE EXISTING DEAD TREE	4	\$ 150	\$ 600
ADDITIONAL BENCH	1	\$ 2,500	\$ 2,500
IRRIGATION AUDIT (if desired)	1	\$ 3,570	\$ 3,570
REFILL/ REFRESH WOODCHIPS	1	\$ 3,000	\$ 3,000
ADDITIONAL BBQ GRILL	1	\$ 500	\$ 500
MAINTENANCE IMPROVEMENTS TO EXISTING PAVILION	1	\$ 1,000	\$ 1,000
REPLACE AND REPAIR STREET CROSSING (360 s.f. X \$15)	1	\$ 5,400	\$ 5,400
ADDITIONAL 12X12 PAVILION	1	\$ 8,700	\$ 8,700
TOTAL COST			\$ 32,870

MESQUITE PARK

ITEM DESCRIPTION	QTY	UNIT COST	TOTAL
ADDITIONAL TREE	75	\$ 400	\$ 30,000
TREE REMOVAL	4	\$ 100	\$ 400
SWING SET	1	\$ 5,000	\$ 5,000
EXTENDED PLAY AREA	1	\$ 7,800	\$ 7,800
NEW 30 X 30 PAVILION	1	\$ 33,342	\$ 33,342
IRRIGATION AUDIT	1	\$ 5,100	\$ 5,100
ADDITIONAL CONCRETE (apx. 950 s.f. x \$7)	1	\$ 6,400	\$ 6,400
TOTAL COST			\$ 88,042

ST. ANDREWS ESTATE

ITEM DESCRIPTION	QTY	UNIT COST	TOTAL
ADDITIONAL TREE	7	\$ 400	\$ 2,800
SLED HILL GRADING ADJUSTMENTS	1	\$ 2,000	\$ 2,000
TOTAL COST			\$ 4,800

HERITAGE PARK

ITEM DESCRIPTION	QTY	UNIT COST	TOTAL
TREE REMOVAL	125	\$ 1,500	\$ 187,500
ADDITIONAL TREE	125	\$ 400	\$ 50,000
25X50 PAVILION	1	\$ 46,250	\$ 46,250
NEW PLAY EQUIPMENT	3	\$ 14,685	\$ 44,055
PLAY AREA	1	\$ 25,000	\$ 25,000
EXISTING PLAY AREA REMOVAL	1	\$ 4,200	\$ 4,200
ADDITIONAL BENCHES	6	\$ 2,500	\$ 15,000
PARKING LOT ADDITIONS	1	\$ 17,700	\$ 17,700
AMPHITHEATER	1	\$ 10,200	\$ 10,200
BASKETBALL COURT RESURFACING (3,650 s.f. X \$5.50)	1	\$ 20,500	\$ 20,500
BASKETBALL COURT FENCING (65 l.f. X \$35)	1	\$ 2,275	\$ 2,275
HORSE SHOE PITS	1	\$ 1,200	\$ 1,200
VOLLYBALL COURT	1	\$ 19,020	\$ 19,020
FRISBEE GOLF COURSE	1	\$ 9,000	\$ 9,000
BRIDGE REFURBISHING (2 bridges)	1	\$ 1,950	\$ 1,950
CONCRETE PATHS	1	\$ 48,552	\$ 48,552
TOTAL COST			\$ 502,402

**PRICES BASED ON HIRING CONTRACTOR

ADDITIONAL TREE- Digging the hole, planting the tree, removing excavated material, staking if desired, implementation of bark mulch in tree ring. Provide 2" cal. Deciduous tree.

IRRIGATION AUDIT- Hire certified water auditor to go to each park, place catch cans, turn on each valve, do an analysis of distribution uniformity, and write a report with conclusions. Price for fixing irrigation on each park TBD from water audit results and site investigation.

TREE REMOVAL- Cut down and haul off, stump removal including grinding, filling stump holes with top soil, patching sod.

ADDITIONAL SITE FURNISHING (Bike rack, Bench, Grills, Picnic tables, etc.)- Install of item per manufacturer's installation requirements over a new concrete pad. Site furnishing unit cost is budgetary only, final cost will be based on actual equipment.

REPLACE CONCRETE CURBING- Saw cut existing damaged portions of curbing, and remove. Form, prep, and pour new curbing.

IMPROVE/REPLACE PLAY EQUIPMENT- Cost estimate is budgetary, final price will be based on actual equipment.

HERITAGE PARK SAND VOLLEYBALL- Removal of old volleyball area, including installation of new topsoil and sod. Installation of new grass volleyball area.

HERITAGE PARK TREE REMOVAL- This is an estimated cost because no formal survey was done. Proposal for adding and removing trees over the course of 10 years at a 1:1 ratio, 1 removal to 1 replacement. Actual number of trees to be removed may vary. Cut down and haul off, stump removal including grinding, filling stump holes with top soil, patching sod.

HEISELT'S PARK GRADING/DRAINAGE- More investigation needs to be done to discover the nature of the problem and how to solve it. Provided cost estimate is a budgetary number and will most like change.

TIMPANOGOS COVE ROCK SLIDE- We believe fence addition may have solved the problem. Price of repairs is for moving existing rock back into place. No additional material to be provided.

TIMPANOGOS COVE DOG PARK- Fencing, gate, mow curb, play elements, doggy pot. Irrigation adjustments not included.

CEDAR HILLS TRAIL SYSTEM PATCH AND REPAIR- Price TBD based on actual square footage of necessary repairs.

BUDGET STUDY



DORAL PARK

ITEM DESCRIPTION	QTY	UNIT COST	TOTAL
ADDITIONAL TREE	2	\$ 400	\$ 800
REPLACE EXISTING BENCH	1	\$ 1,500	\$ 1,500
REFILL/ REFRESH WOODCHIPS (apx. 18 cy.)	1	\$ 1,200	\$ 1,200
REPLACE PLAY EQUIPMENT WITH TODDLER PLAY	1	\$ 6,000	\$ 6,000
ADDITIONAL 12X12 PAVILION	1	\$ 8,700	\$ 8,700
TOTAL COST			\$ 18,200

BAYHILL PARK

ITEM DESCRIPTION	QTY	UNIT COST	TOTAL
ADDITIONAL TREE	4	\$ 400	\$ 1,600
REPLACE DEAD SHRUBS	30	\$ 45	\$ 1,350
TOTAL COST			\$ 2,950

HEISELT'S HOLLOW PARK

ITEM DESCRIPTION	QTY	UNIT COST	TOTAL
ADDITIONAL TREE	5	\$ 350	\$ 1,750
REMOVE EXISTING DEAD TREE	1	\$ 300	\$ 300
ADDITIONAL BENCH	3	\$ 1,500	\$ 4,500
PATCH AND REPAIR TRAIL (apx. 60 s.f.)	1	\$ 1,100	\$ 1,100
REMOVE BASEBALL BACKSTOP PADDING	1	\$ 1,000	\$ 1,000
DRAINAGE/ GRADING ADJUSTMENTS	1	\$ 1,500	\$ 1,500
IRRIGATION AUDIT	1	\$ 25,000	\$ 25,000
CREATE BOULDER STEPS NEAR PLAYGROUND	1	\$ 2,500	\$ 2,500
TOTAL COST			\$ 37,650

TIMPANOGOS COVE PARK

ITEM DESCRIPTION	QTY	UNIT COST	TOTAL
ADDITIONAL TREE	11	\$ 350	\$ 3,850
BIKE RACK	1	\$ 1,000	\$ 1,000
IMPROVE ROCK SLIDE	1	\$ 1,000	\$ 1,000
FIX PLAYGROUND EQUIPMENT	1	\$ 3,000	\$ 3,000
REPAINT LINES ON BASKETBALL COURT	1	\$ 500	\$ 500
REFRESH WOODCHIPS AT SWING AREA (apx. 18 cy.)	1	\$ 1,200	\$ 1,200
DOG PARK AREA (50x50)	1	\$ 15,000	\$ 15,000
FIX MISSING GRILL AT SMALL PAVILION	1	\$ 500	\$ 500
TOTAL COST			\$ 26,050

PINE HOLLOW PARK

ITEM DESCRIPTION	QTY	UNIT COST	TOTAL
ADDITIONAL TREE	12	\$ 400	\$ 4,800
ADDITIONAL BENCH	1	\$ 1,500	\$ 1,500
REFILL/ REFRESH WOODCHIPS (apx. 18 cy.)	1	\$ 1,200	\$ 1,200
REPLACE WOOD CURBING WITH CONCRETE	1	\$ 4,000	\$ 4,000
UPDATE PLAYGROUND EQUIPMENT	1	\$ 20,000	\$ 20,000
TOTAL COST			\$ 31,500

HARVEY PARK

ITEM DESCRIPTION	TOTAL	
PHASE 1	\$ 4,175,739	
PHASE 2	\$ 2,538,452	
TOTAL COST		\$ 6,714,191

CEDAR HILLS TRAIL IMPROVEMENTS

ITEM DESCRIPTION	QTY	UNIT COST	TOTAL
TRAIL IMPROVEMENTS		TBD	TBD
TRAIL CONNECTIVITY ADDITIONS (apx. 2,5216 s.f. X \$6)	1	\$ 152,000	\$ 152,000
TRAIL MAP	7	\$ 950	\$ 6,650
TRAIL SIGNAGE	22	\$ 300	\$ 6,600
TOTAL COST			\$ 152,000

**PRICES BASED ON HIRING CONTRACTOR

ADDITIONAL TREE- Digging the hole, planting the tree, removing excavated material, staking if desired, implementation of bark mulch in tree ring. Provide 2" cal. Deciduous tree.

IRRIGATION AUDIT- Hire certified water auditor to go to each park, place catch cans, turn on each valve, do an analysis of distribution uniformity, and write a report with conclusions. Price for fixing irrigation on each park TBD from water audit results and site investigation.

TREE REMOVAL- Cut down and haul off, stump removal including grinding, filling stump holes with top soil, patching sod.

ADDITIONAL SITE FURNISHING (Bike rack, Bench, Grills, Picnic tables, etc.)- Install of item per manufacturer's installation requirements over a new concrete pad. Site furnishing unit cost is budgetary only, final cost will be based on actual equipment.

REPLACE CONCRETE CURBING- Saw cut existing damaged portions of curbing, and remove. Form, prep, and pour new curbing.

IMPROVE/REPLACE PLAY EQUIPMENT- Cost estimate is budgetary, final price will be based on actual equipment.

HERITAGE PARK SAND VOLLEYBALL- Removal of old volleyball area, including installation of new topsoil and sod. Installation of new volleyball area, including 6"x12" mow curb and 12" depth of sand.

HERITAGE PARK TREE REMOVAL- This is an estimated cost because no formal survey was done. Proposal for adding and removing trees over the course of 10 years at a 1:1 ratio, 1 removal to 1 replacement. Actual number of trees to be removed may vary. Cut down and haul off, stump removal including grinding, filling stump holes with top soil, patching sod.

HEISELT'S PARK GRADING/DRAINAGE- More investigation needs to be done to discover the nature of the problem and how to solve it. Provided cost estimate is a budgetary number and will most like change.

TIMPANOGOS COVE ROCK SLIDE- We believe fence addition may have solved the problem. Price of repairs is for moving existing rock back into place. No additional material to be provided.

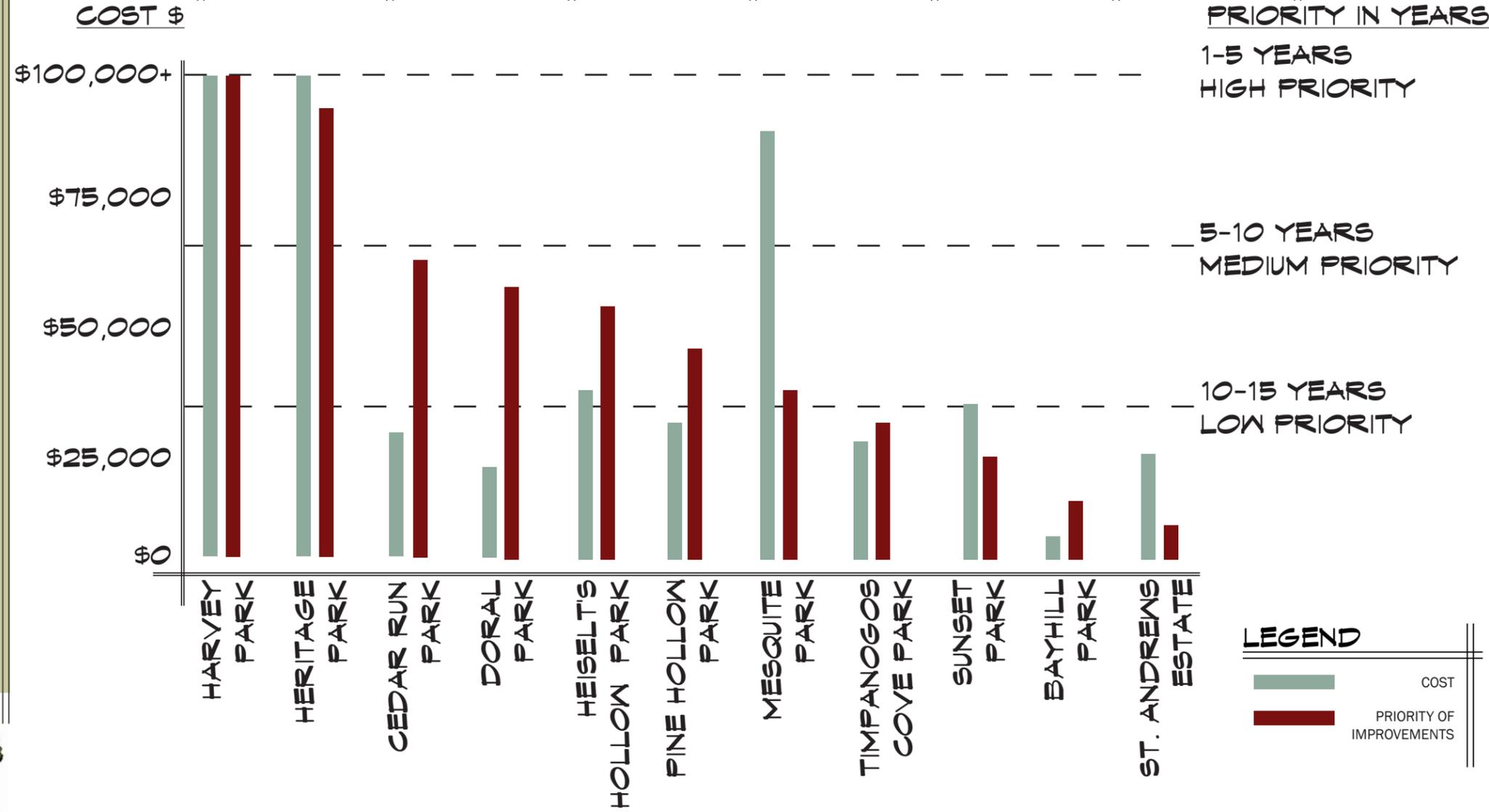
TIMPANOGOS COVE DOG PARK- Fencing, gate, mow curb, play elements, doggy pot. Irrigation adjustments not included.

CEDAR HILLS TRAIL SYSTEM PATCH AND REPAIR- Price TBD based on actual square footage of necessary repairs.

CEDAR HILLS PARKS SUMMARY



HARVEY PARK	HERITAGE PARK	CEDAR RUN PARK	DORAL PARK	HEISEL'S HOLLOW PARK	PINE HOLLOW PARK	MESQUITE PARK	TIMPANOGOS PARK	SUNSET PARK	BAYHILL PARK	ST. ANDREWS ESTATE
Harvey Park is a new proposed park that is being implemented immediately in two phases.	Heritage Park has a mature tree canopy that needs to be replaced. This process needs started very soon to allow for the new trees to reach mature heights before removing the existing trees.	Cedar Run Park has a few safety hazards with the cracked curbing, the over-grown evergreen tree, and the steep drop off to the detention pond.	Doral Park does not currently meet code. The engineered wood fibers needs refilled or the equipment needs to be changed to a toddler park to meet requirements.	Heisel's Hollow Park has drainage problems that if persist will create serious issues. The park is serving its purpose and getting the job done.	Pine Hollow Park is a small park that is serving its purpose for the near-by residents, but is becoming very out dated.	Mesquite Park is primarily a soccer park. It could use more play area for soccer players siblings, and more shade for those hot days. It is mostly in good shape.	Timpanogos Park is in good shape but has a few maintenance items that need updated. The residents have also requested a dog park.	Sunset Park is a nice park on the main walking/ biking trail. The updates it needs are mostly cosmetic and maintenance related.	Bayhill Park is the newest park and is in great condition. Some plants died and need replaced, and a few trees need added but it is functioning very well as it is.	St. Andrews estate is open land that allows for many opportunities in the future.



CONCLUSION:

These parks are doing a great job serving their purpose. Some are old and some are new, but most importantly they all get used. Cedar Hills has a wonderful demographic of people that enjoy being outside. By implementing these suggestions over the next 10 years, these parks will continue to bring life to the community. People will get to know each other better, increase their quality of life, and bring families and the community together as a whole.

"Parks and playgrounds are the soul of the city"
- Marty Rubin