

City Council

Special Meeting Agenda

Tuesday, August 27, 2019

City Hall

749 Main Street

6:00 PM

*Note: The time frames assigned to agenda items are estimates for guidance only.
Agenda items may be heard earlier or later than the listed time slot.*

1. CALL TO ORDER

6:00 – 6:30 PM

2. UPDATE – MEDIAN LANDSCAPE RENOVATION PROJECT

- Staff Presentation
- Public Comments (Please limit to three minutes each)
- Council Questions & Comments

6:30 – 7:30 PM

3. DISCUSSION/DIRECTION – CAPITAL BUDGET AND PROJECTS UPDATE

- Staff Presentation
- Public Comments (Please limit to three minutes each)
- Council Questions & Comments

7:30 – 8:00 PM

4. EXECUTIVE SESSION

REAL PROPERTY ACQUISITIONS AND DISPOSITIONS

(Louisville Charter, Section 5-2(c) – Authorized Topics – Consideration of real property acquisitions and dispositions, only as to appraisals and other value estimates and strategy, and C.R.S. 24-6-402(4)(a)).

City Manager is Requesting the City Council Convene an Executive Session for the Purpose of Consideration of Potential Real Property Acquisitions Concerning Properties in Louisville

Citizen Information

If you wish to speak at the City Council meeting, please fill out a sign-up card and present it to the City Clerk.

Persons with disabilities planning to attend the meeting who need sign language interpretation, assisted listening systems, Braille, taped material, or special transportation, should contact the City Manager's Office at 303 335-4533. A forty-eight-hour notice is requested.

- **Requests for Executive Session**
- **City Clerk Statement**
- **City Attorney Statement of Authority**
- **City Council Action on Motion for Executive Session**
- **Council Convenes Executive Session**
- **Council Reconvene in Open Meeting**

8:00 – 8:05 PM **5. REPORT – DISCUSSION/DIRECTION/ACTION – REAL PROPERTY ACQUISITION AND DISPOSITIONS**

8:05 – 8:15 PM **6. ADVANCED AGENDA & IDENTIFICATION OF FUTURE AGENDA ITEMS**

8:15 PM **7. ADJOURN**

SUBJECT: UPDATE – MEDIAN LANDSCAPE RENOVATIONS PROJECT

DATE: AUGUST 27, 2019

**PRESENTED BY: NATHAN MOSLEY, DIRECTOR OF PARKS, RECREATION
AND OPEN SPACE
DESIGNSCAPES COLORADO, CONTRACTOR
DESIGN CONCEPTS, LANDSCAPE ARCHITECTS**

SUMMARY:

On April 16, 2019 City Council awarded the Median Landscape Renovations Project to the design build team of Designscares Colorado and Design Concepts. The majority of medians within the City were developed and landscaped 20 to 30 years ago. Renovations are recommended due to plant material replacement needs, outdated irrigation systems, and in many cases, the concept or landscape theme is not consistent throughout the same boulevard.

On July 11 the design build team met with the Public Parks and Landscapes Advisory Board (PPLAB) to review and discuss median precedents and concepts and to define next steps and direction moving forward. Comments from staff were also gathered and the following priorities and objectives were established:

- To not “reinvent the wheel” but rather, to work with what we have
- To inspect the irrigation systems with regard to replacement of, or salvaging components starting with the point of connection and moving down stream. Staff will play a large roll in this process.
- To begin and end each corridor with a focus upon a pop of color in the form of annual plant beds
- Tree removal / replacement
- Vegetation removal / replacement
- To keep budget considerations in mind

FISCAL IMPACT:

Council has approved \$275,000 for phase 1 of the project, which consists of medians on Cherry Street, McCaslin Boulevard and Via Appia. There is an additional \$275,000 allocated for 2020 and includes medians on Dillon Road, South Boulder Road and Summit View Drive at Highway 42. There is also \$275,000 programmed in the 2021 budget for the median project.

The design build team is currently working on detailed cost estimates for the project. Staff will continue to work with the design build team to evaluate costs to ensure that they are aligned with the overall project objectives. Based on the needs of replacing irrigation infrastructure on medians it might be necessary to accelerate some of the

SUBJECT: MEDIAN RENOVATIONS

DATE: AUGUST 27, 2019

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2021 funding into 2020. If this becomes a possibility staff will return to City Council with a request.

PROGRAM/SUB-PROGRAM IMPACT:

The objective of the Streetscapes Sub-Program is to provide safe, visually appealing, and inviting streets and sidewalks. By renovating medians, the City will be improving safety and visual appearance of the community in addition to establishing identity elements to aid in vehicle and pedestrian circulation.

RECOMMENDATION:

Informational Update only.

ATTACHMENT(S):

1. 2019 08 27 Louisville Medians – Council Presentation

STRATEGIC PLAN IMPACT:

| | | | |
|-------------------------------------|--|-------------------------------------|---|
| <input checked="" type="checkbox"/> |  Financial Stewardship & Asset Management | <input type="checkbox"/> |  Reliable Core Services |
| <input type="checkbox"/> |  Vibrant Economic Climate | <input checked="" type="checkbox"/> |  Quality Programs & Amenities |
| <input checked="" type="checkbox"/> |  Engaged Community | <input type="checkbox"/> |  Healthy Workforce |
| <input type="checkbox"/> |  Supportive Technology | <input type="checkbox"/> |  Collaborative Regional Partner |



City of Louisville

City Council Update

August 27, 2019



DESIGN
CONCEPTS

Louisville Character

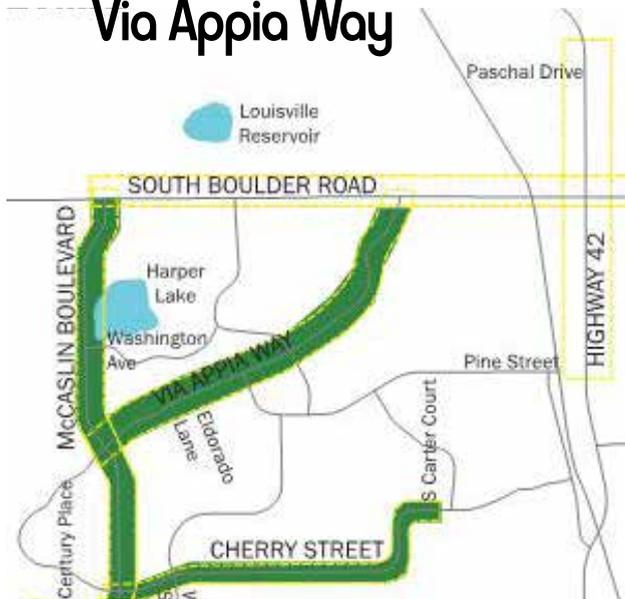


Median Renovations

Budget Priority

1 CONSISTENT THEME for each street / median corridor

- PHASE 1
McCaslin Boulevard
Cherry Street
Via Appia Way



2 LANDSCAPE & IRRIGATION IMPROVEMENTS

- replace irrigation from the valve down
- replace plants and reduce maintenance where needed
- potential native grass conversions

3 CITY / CORRIDOR IDENTITY & PEDESTRIAN CROSSINGS

- opportunities at median noses
- heighten awareness/safety



- 1
- 2
- 3

Consistent Themes

McCaslin Boulevard

— Budget Priority #1 —

CONSISTENT THEME for each street / median corridor

PHASE 1

McCaslin Boulevard



- 1
- 2
- 3

Consistent Themes

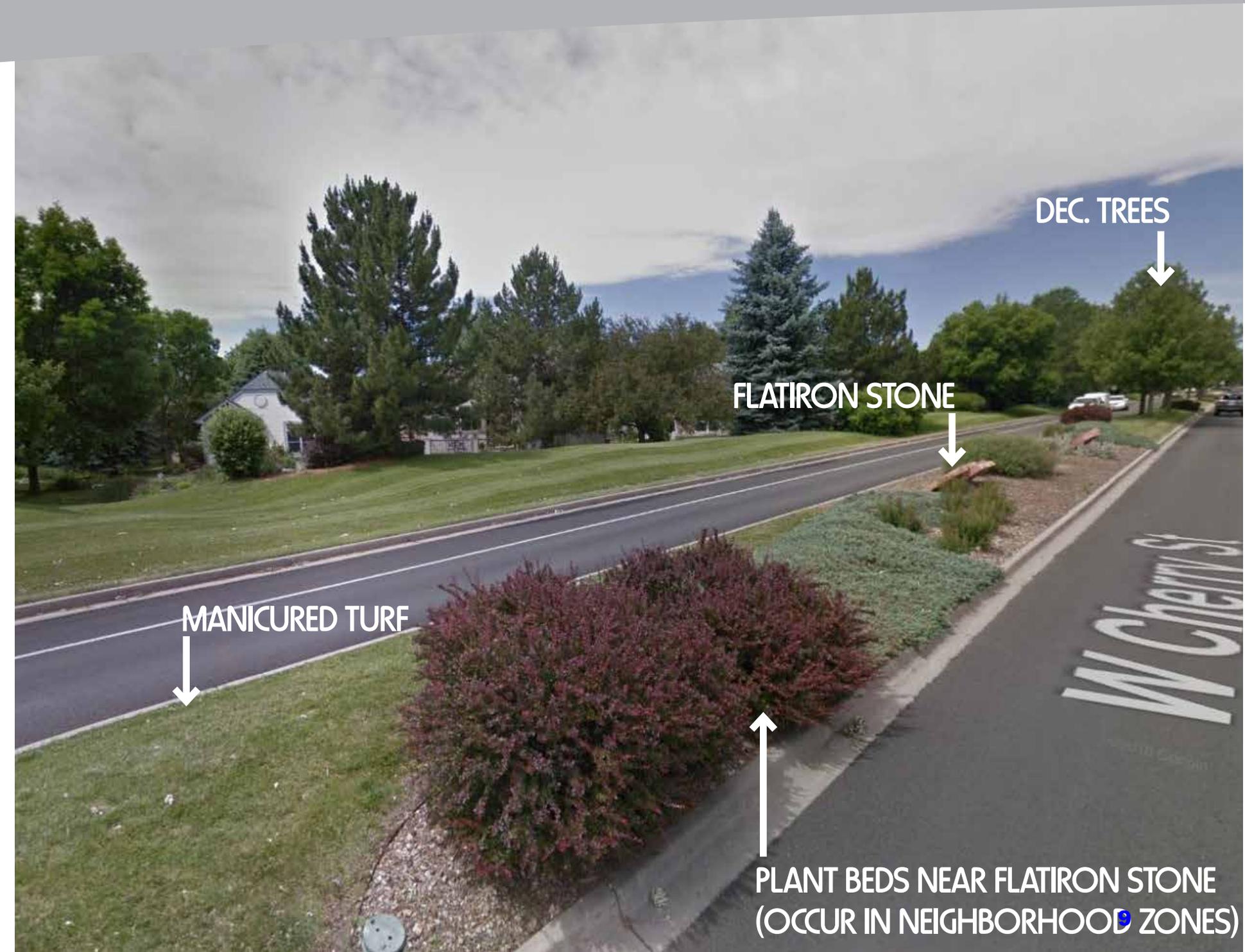
Cherry Street

— Budget Priority #1 —

CONSISTENT THEME for each street / median corridor

PHASE 1

Cherry Street



MANICURED TURF

FLATIRON STONE

DEC. TREES

PLANT BEDS NEAR FLATIRON STONE
(OCCUR IN NEIGHBORHOOD ZONES)

- 1
- 2
- 3

Consistent Themes

Via Appia Way

— Budget Priority #1 —

CONSISTENT THEME for each street / median corridor

PHASE 1

Via Appia Way



ROWS OF DECIDUOUS TREES



PREDOMINANTLY MANICURED TURF

1
2
3

Landscape Improvements

Replacement and Enhancements

————— Budget Priority #2 —————
LANDSCAPE & IRRIGATION IMPROVEMENTS

- replace plants and reduce maintenance
- replace irrigation from the valve down



Landscape Improvements

Replacement and Enhancements

— Budget Priority #2 —

LANDSCAPE & IRRIGATION IMPROVEMENTS

- replace plants and reduce maintenance
- replace irrigation from the valve down

MULCH AT EXISTING MEDIANS IS BEING BLOWN / WASHED AWAY



OPPORTUNITY TO USE STONE EDGING TO ADD A VERTICAL COMPONENT WHILE KEEPING WOOD MULCH IN-PLACE



OR CONSIDER USING ROCK MULCH



1
2
3

Landscape Replacements

Replacement Plant Palettes



LO-GROW SUMAC



SAND CHERRY



GOLD FLAME SPIRAEA



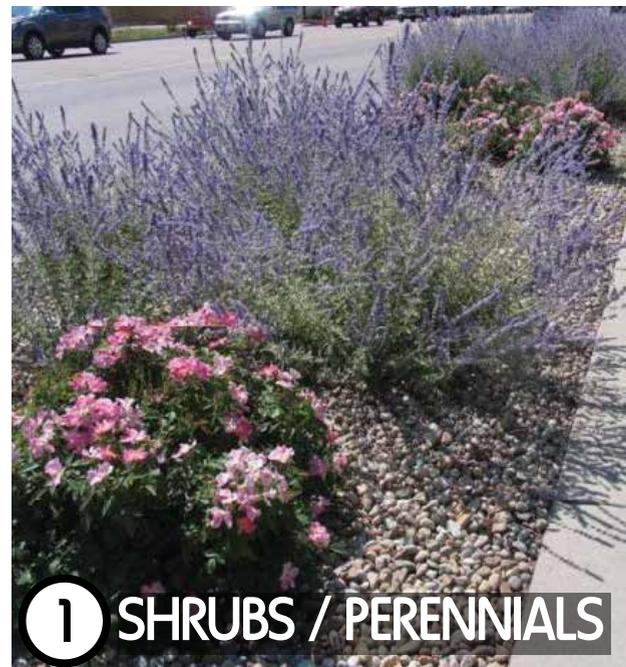
POTENTILLA



REDLEAF ROSE (SHRUB)



SHRUB LILAC



1 SHRUBS / PERENNIALS



BLONDE AMBITION



LITTLE BLUESTEM



BLUE AVENA



DWARF FOUNTAIN GRASS



DWARF MAIDEN GRASS



MAIDEN GRASS



2A ORNAMENTAL GRASSES



2B ORNAMENTAL GRASSES

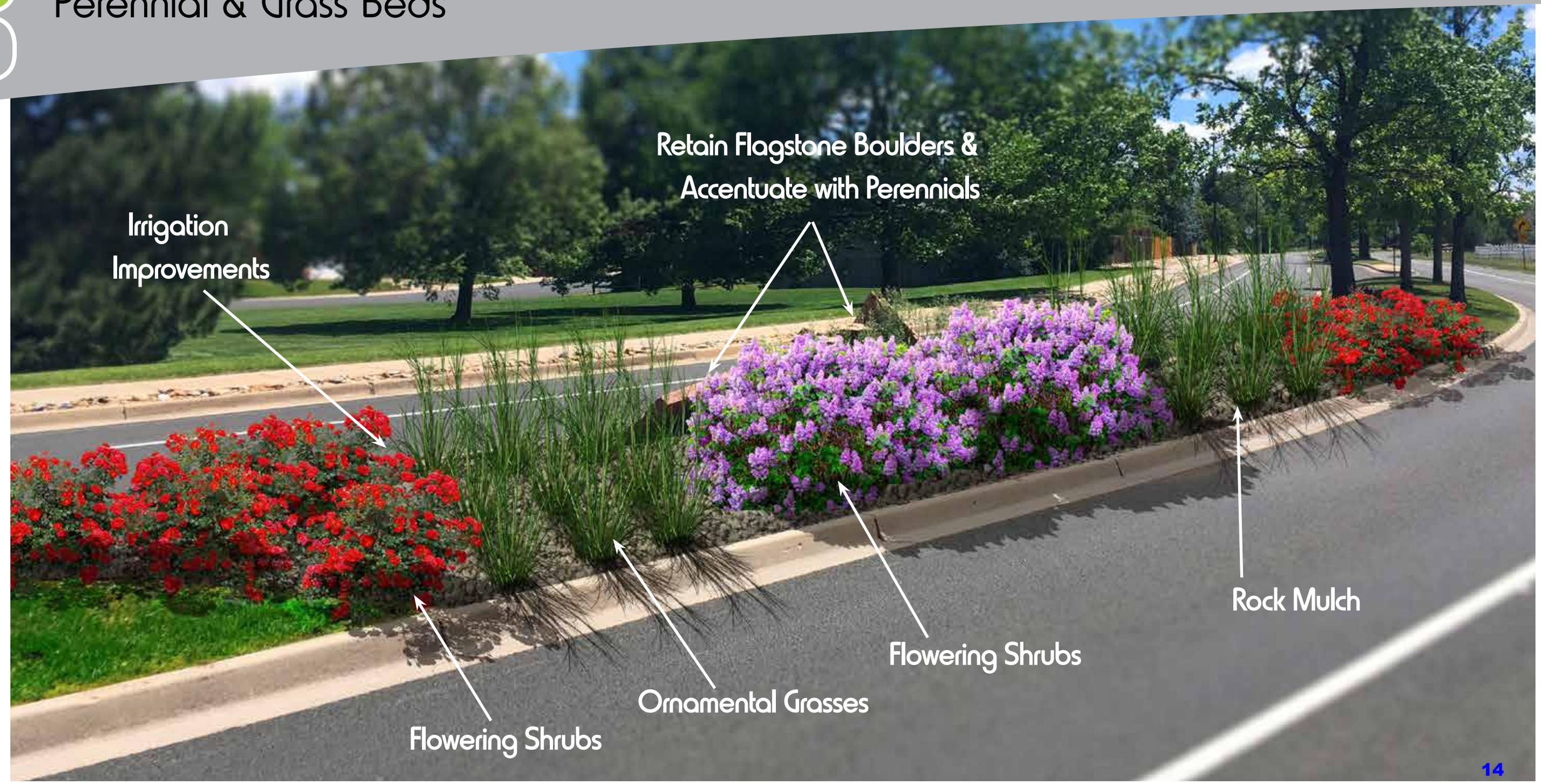
1 SHRUBS / PERENNIALS

2 ORNAMENTAL GRASSES

- 1
- 2
- 3

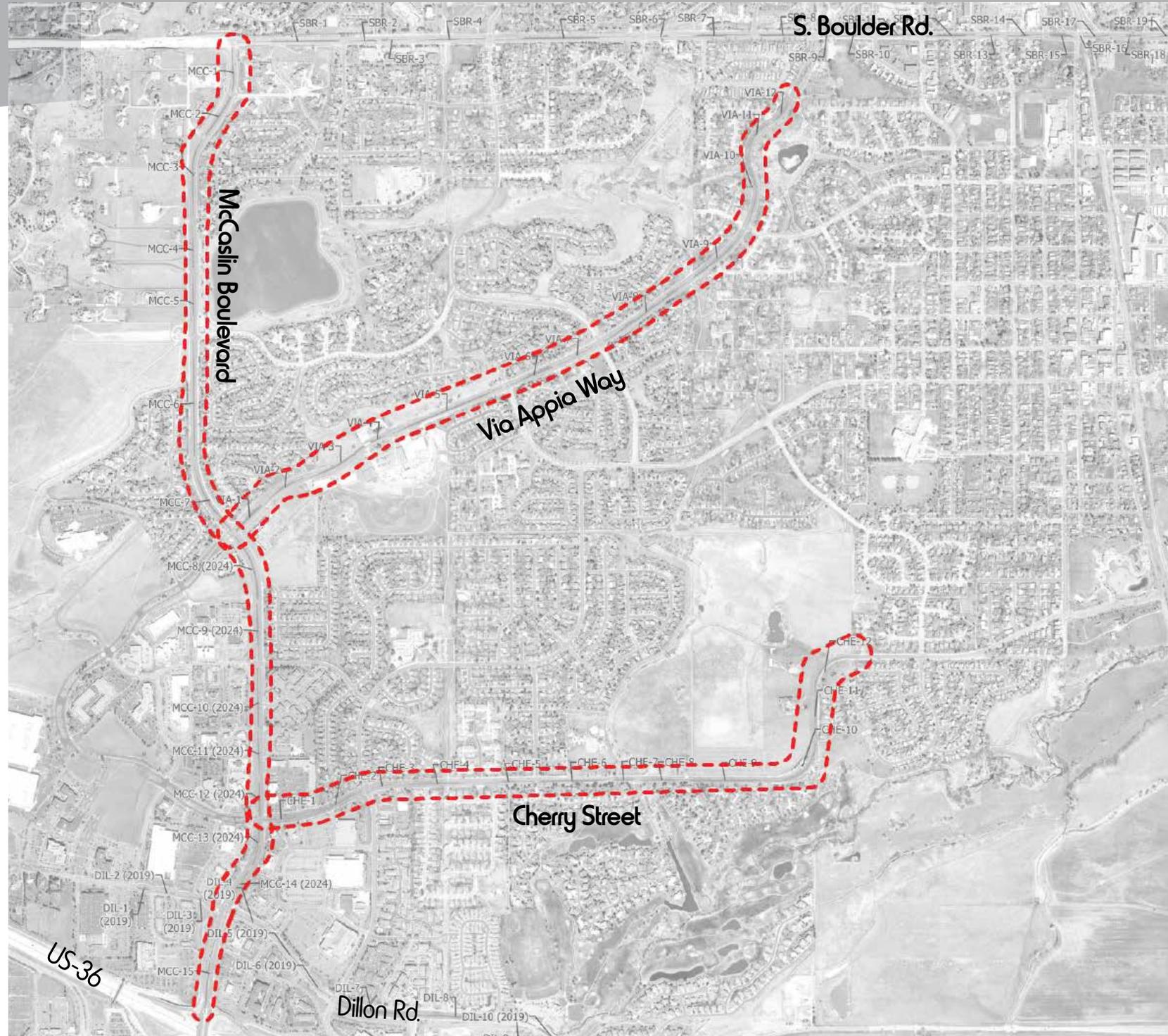
Landscape Concept

Perennial & Grass Beds



- 1
- 2
- 3

City Median Corridors



1 Proposed Corridors: 2 Phase 1 3

McCASLIN
BOULEVARD

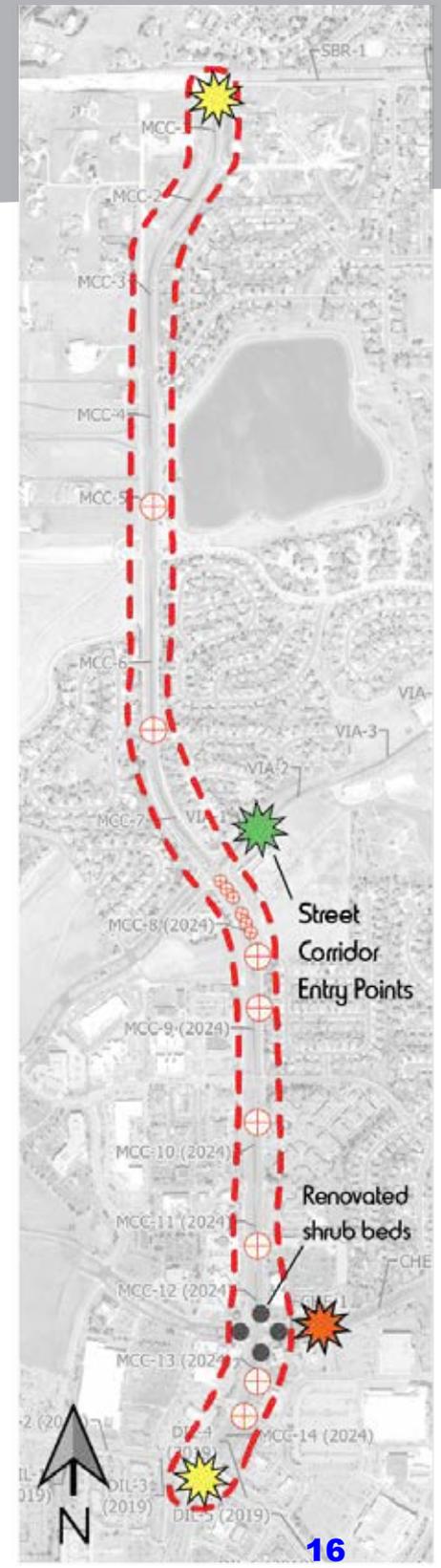
KEY

-  Street Corridor entry points & Horizontal Rock Features
-  Replacement of Landscape & Irrigation
-  Existing Pedestrian Crossings
-  Unhealthy Trees to be Replaced
-  Renovate median nose with new plants, mulch & Irrigation
-  Corridor outlines

VIA APPIA WAY

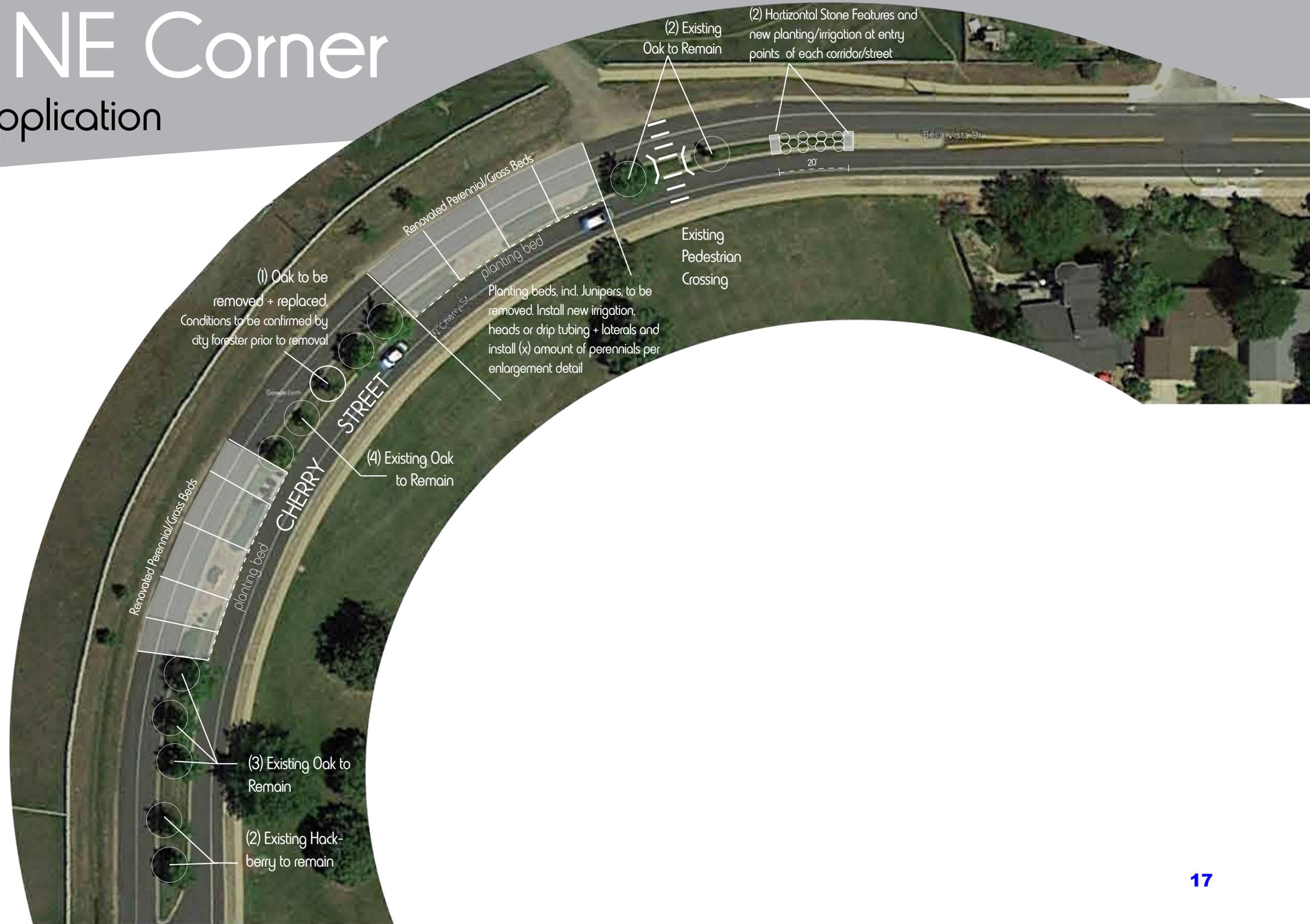


CHERRY STREET



Cherry St. NE Corner

Example Design Application





DESIGN
CONCEPTS



Louisville Median Renovations : 30% Review with PPLAB

| | | | |
|-----------|---|-----------------------|---------------|
| Location: | City Services Facility | Date: | July 11, 2019 |
| To: | Allan Gill | Time: | 7:15-8:45pm |
| From: | Bill Wildenberg | <u>Company</u> | |
| Present: | <u>Name</u> | | |
| | Parks & Public Landscape Advisory Board | | |
| | Nathan Mosley, Director | City of Louisville | |
| | Allan Gill, Project Manager | City of Louisville | |
| | Travis Sommervold | Colorado Designscapes | |
| | Erik Spring, Principal | Design Concepts | |
| | Bill Wildenberg, Sr. Project Manager | Design Concepts | |

The purpose of this meeting was to review concepts with PPLAB and obtain feedback / direction for the Construction Documents.

General Comments

1. The project intent is to enhance what landscaping is already in place and should not replace plant material that appears to be in good condition.
2. The design team presented a 30% review document that contained precedents and Phase 1 concepts to solicit feedback and direction.
3. PPLAB indicated that they would like:
 - all junipers removed
 - winter interest
 - no potentilla
 - lilacs to be a dwarf variety
4. PPLAB noted that Dillon & 88th Street is a good example of what they would want planted.

Direction for Construction Documents

1. PPLAB prefers to leave McCaslin and Via Appia essentially untouched with the exception of tree replacements (where needed / unhealthy) and planting at the start / end of each street corridor
2. The unifying element for all the medians will be new plant beds (with color) and red flagstone at the start / end of each street corridor
3. Vertical rock at pedestrian crossings is not desired (could conflict with other City branding / gateway efforts)
4. Planting beds should use a combination of ornamental grasses and shrubs / perennials
5. Rock mulch should be used: large stones mixed with 1.5" rock using red and a contrasting color.
6. Where irrigation is being completely replaced at planting beds, it should be done from the valve down.

70% Construction Documents

July 30, 2019

SHEET INDEX

| SITE/LANDSCAPING | |
|------------------|---|
| L1.0 | PLANTING CHERRY ST. INTERSECTION |
| L1.1 | PLANTING CHERRY ST. MEDIAN 11 |
| L1.2 | PLANTING CHERRY ST. MEDIAN 12 |
| L1.3 | TRIANGLE SIGHT PLAN CHERRY ST. |
| L1.4 | PLANTING VIA APPIA START/END CORRIDORS |
| L1.5 | PLANTING MCCASLIN START/END CORRIDORS |
| L2.0 | TREE REPLACEMENT CHERRY ST. MEDIANS 2 & 5 |
| L2.1 | TREE REPLACEMENT VIA APPIA MEDIANS 2, 8, & 10 |
| L2.2 | TREE REPLACEMENT VIA APPIA MEDIANS 11 & 12 |
| L2.3 | TREE REPLACEMENT MCCASLIN MEDIANS 5 & 8 |
| L2.4 | TREE REPLACEMENT MCCASLIN MEDIANS 9, 10, 11, & 13 |
| L3.0 | SITE & PLANTING DETAILS |

SHEET INDEX

| IRRIGATION | |
|------------|------------------------------------|
| IR1.0 | IRRIGATION CHERRY ST. INTERSECTION |
| IR2.0 | IRRIGATION DETAILS |



VICINITY MAP
NOT TO SCALE

LOUISVILLE MEDIAN RENOVATION

LOUISVILLE, CO



LOUISVILLE MEDIAN RENOVATIONS
LOUISVILLE
COLORADO

PROJECT TEAM



CLIENT / OWNER:
City of Louisville
Parks & Recreation, 717 Main St.
Louisville CO 80027
Tel: 303.335.4736
Contact: Allan Gill
Email: allang@louisvilleco.gov



LEAD CONSULTANT / CONTRACTOR:
Designscapes Colorado
1540 E. Fremont Dr.
Centennial CO 80112
Tel: 303.721.9003
Contact: Travis Sommervold
Email: tsommervold@designscapes.org



SUB CONSULTANT / LANDSCAPE ARCHITECT:
Design Concepts
211 N. Public Road, Suite 200
Lafayette, CO 80026
Tel: 303-664-5301
Contact: Bill Wildenberg
Email: BillW@dcla.net



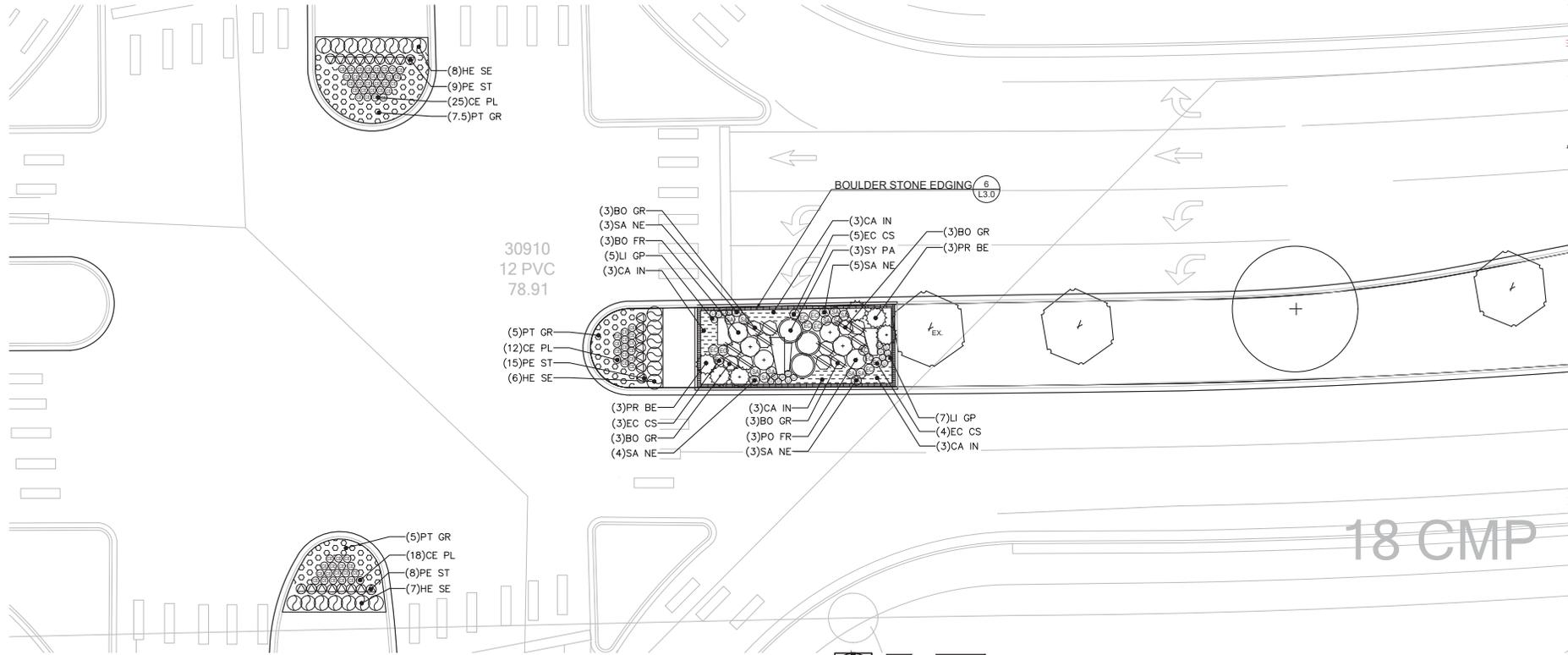
Project No.: 21934.00
Issued For: 20% CD
Date: 07.31.19

Drafted By: NK
Checked By: BW

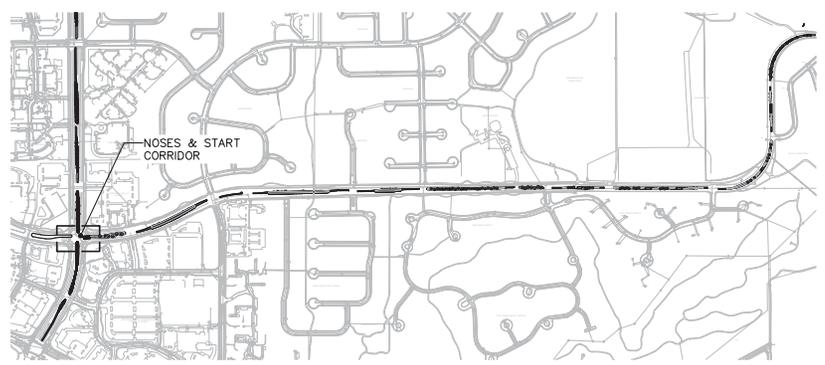
All drawings and written material appearing herein constitute original and unpublished work of Design Concepts and may not be duplicated, used or disclosed.

COVER SHEET

70% CD
SUBMITTAL



1 McCASLIN/CHERRY ST. NOSES & CHERRY ST. START CORRIDOR
Scale: 1" = 10'



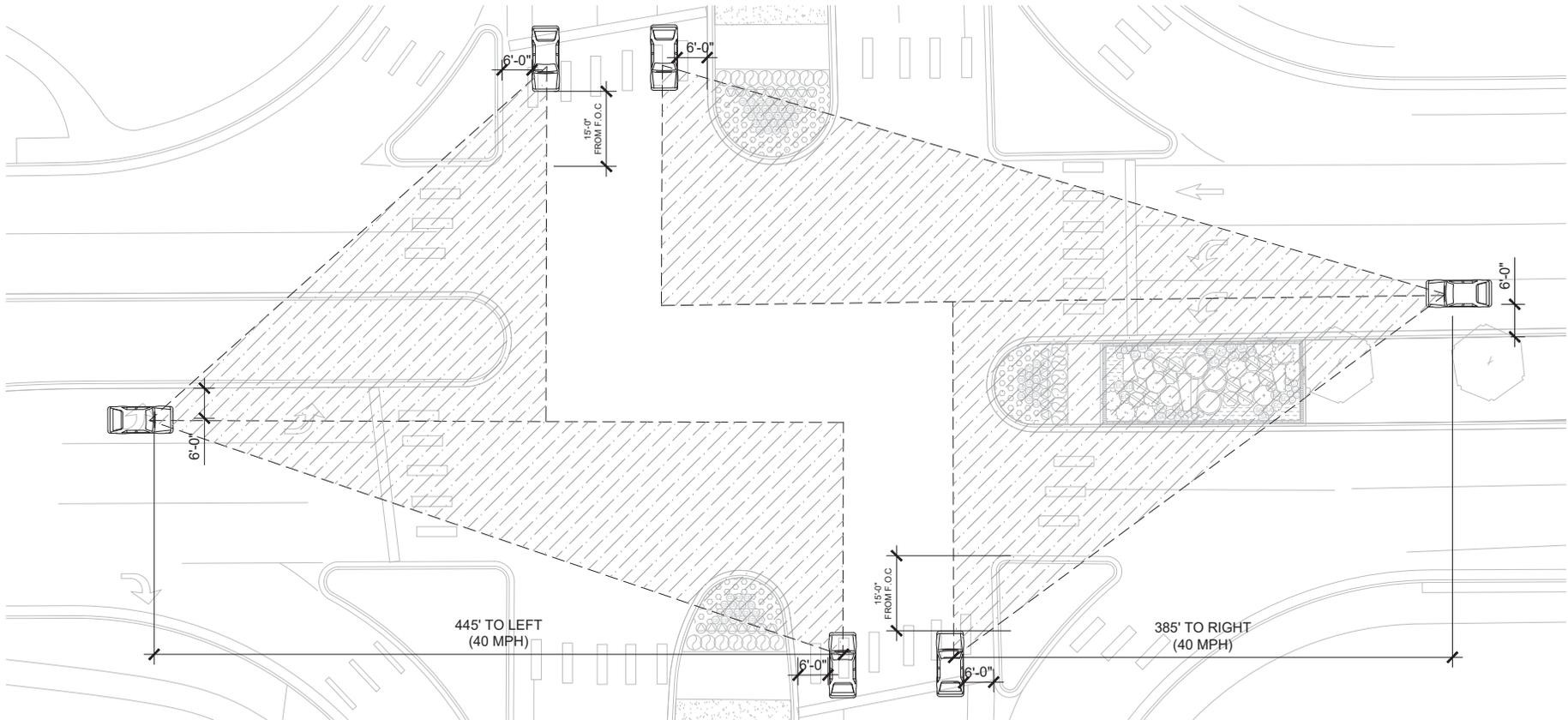
2 VICINITY MAP - CHERRY ST.
Scale: 1" = 500'

PLANT SCHEDULE

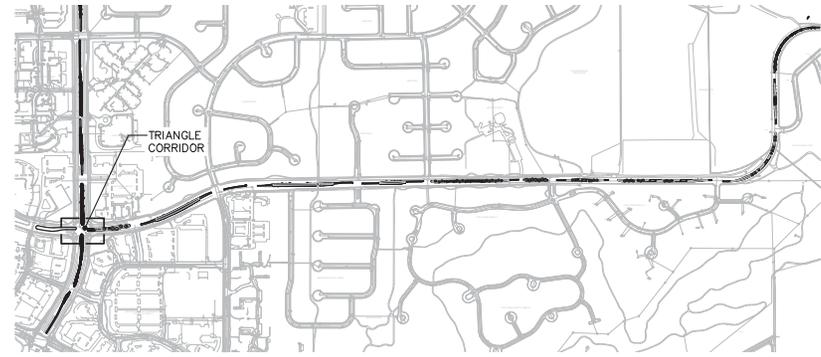
| CODE | LATIN NAME | COMMON NAME | GROWTH | SIZE |
|---------------------|--|---------------------------------|----------|------------|
| SHRUBS | | | | |
| SP BU | Spiraea japonica 'Goldflame' | Gold Flame Spirea | 2-3' | #5 cont. |
| PR BE | Prunus besseyi | Pawnee Buttes Sandcherry | 1-2.5' | #5 cont. |
| PO FR | Potentilla fruticosa 'Gold Drop' | Potentilla 'Gold Drop' | 2-3' | #5 cont. |
| SY PA | Syringa patula 'Miss Kim' | Miss Kim Dwarf Lilac | 3-5' | #5 cont. |
| CT CO | Cotinus coggygria | Winecraft Black Smokebush | 4-5' | #5 cont. |
| GRASSES | | | | |
| | | COMMON NAME | | |
| PE BU | Pennisetum Burgundy Bunny | Fountain Grass Burgundy Bunny | 1-2' | #1 cont. |
| HE SE | Helictotrichon sempervirens | Blue Avena | 2-3' | #1 cont. |
| BO GR | Bouteloua gracilis 'Blonde Ambition' | Blonde Ambition | 2-3' | #1 cont. |
| PERENNIALS | | | | |
| LI GP | Lilium x 'Golden Pixie' | Lily 'Golden-Yellow' Dwarf | 1'-1.5' | #1 cont. |
| PE ST | Penstemon strictus | Penstemon 'Rocky Mountain' | 1.5-2' | #1 cont. |
| PE SC | Penstemon schmidelii 'Red Riding Hood' | Penstemon 'Red Riding Hood' | 1-1.5' | #1 cont. |
| ZA GA | Zauschneria garretii 'Orange Carpet' | Hummingbird Trumpet | 5'-1' | #1 cont. |
| SA NE | Salvia nemorosa 'May Night' | Salvia 'May Night' | 1.5-2' | #1 cont. |
| EC CS | Echinacea 'Cheyenne Spirit' | Coneflower Mixed | 1.5-2.5' | #1 cont. |
| ANNUALS | | | | |
| CE PL | Celosia plumosa | Celosia 'Fresh Look Series' | 1-1.5' | #1 cont. |
| PT GR | Petunia x hybrida | Petunia 'Easy wave' Starfish Mx | 5'-1' | #1 cont. |
| GROUND COVER | | | | |
| OE LD | Oenothera 'Lemon Drop' | Evening Primrose 'Lemon Drop' | 8-12" | F15 - 4.5" |
| CA IN | Callirhoa involucrata | Prairie Winecup | 6-12" | F15 - 4.5" |
| LI LE | Linum lewisii | Wild Blue Flax | 1-1.5' | F15 - 4.5" |

LEGEND

| | | | |
|--|---|--|--|
| | STONE BOULDER EDGING (APPROX. 8"x12"x24") | | HORIZONTAL LANDSCAPE BOULDERS |
| | SOD | | EXISTING DECIDUOUS TREES |
| | MEDIAN PAVERS | | EXISTING ORNAMENTAL TREE |
| | PRAIRIE WINECUPS | | EXISTING EVERGREEN TREE |
| | EVENING PRIMROSE | | EXISTING TREES TO BE REPLACED |
| | WILD BLUE FLAX | | CITY FORESTER TO VERIFY TREE REMOVALS PROPOSED PRIOR TO CONSTRUCTION |
| | ANNUALS | | |
| | PETUNIAS | | |



1 McCASLIN/CHERRY SIGHT TRIANGLE CORRIDOR
Scale: 1" = 20'

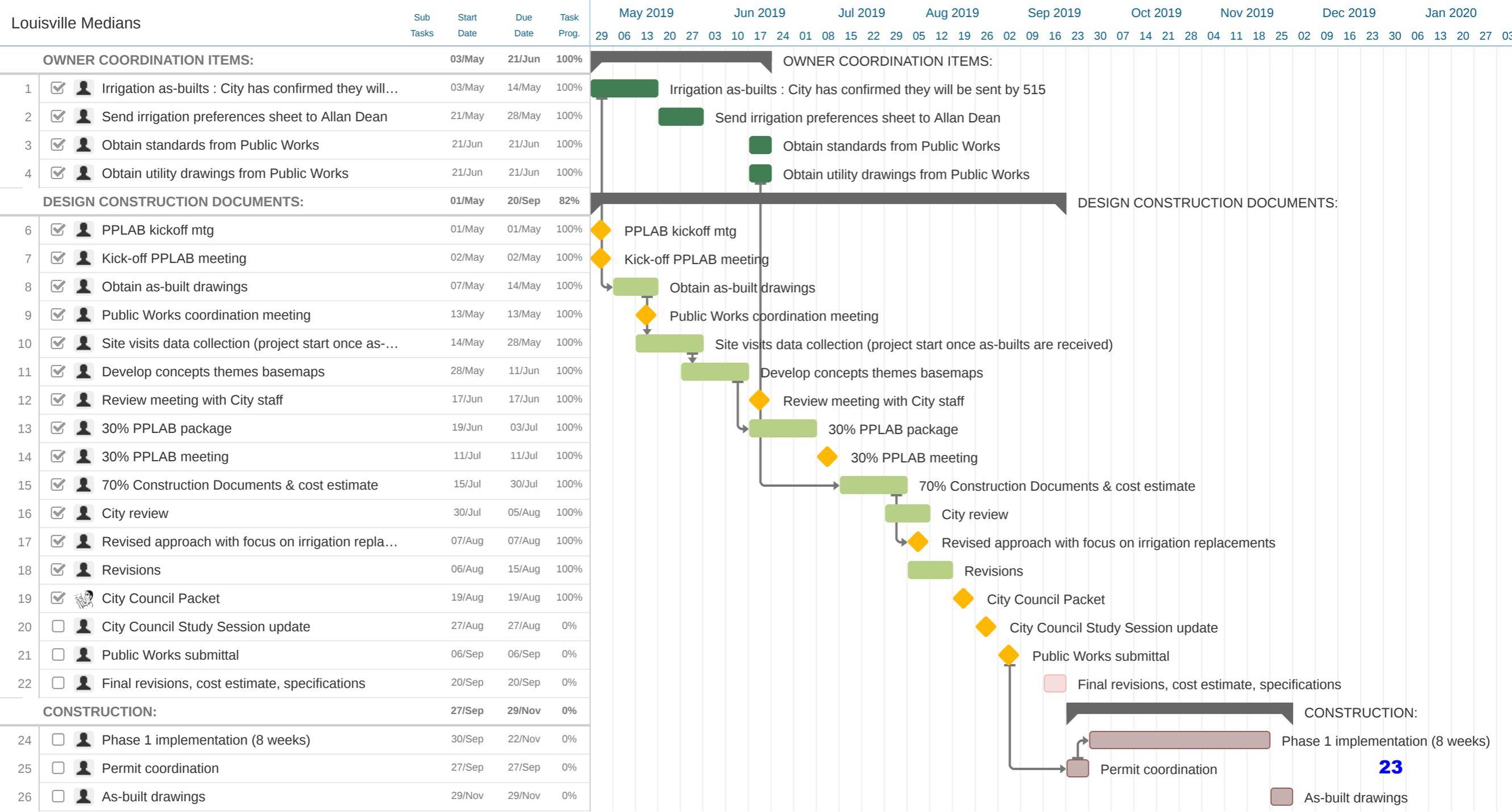


2 VICINITY MAP - CHERRY ST.
Scale: 1" = 500'



LEGEND

| | | | |
|--|---|--|--|
| | STONE BOULDER EDGING (APPROX. 8"x12"x24") | | HORIZONTAL LANDSCAPE BOULDERS |
| | SOD | | EXISTING DECIDUOUS TREES |
| | MEDIAN PAVERS | | EXISTING ORNAMENTAL TREE |
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| | EVENING PRIMROSE | | EXISTING TREES TO BE REPLACED |
| | WILD BLUE FLAX | | CITY FORESTER TO VERIFY TREE REMOVALS PROPOSED PRIOR TO CONSTRUCTION |
| | ANNUALS PETUNIAS | | |



**SUBJECT: DISCUSSION/DIRECTION – CAPITAL BUDGET AND
PROJECTS UPDATE**

DATE: AUGUST 27, 2019

**PRESENTED BY: HEATHER BALSER, CITY MANAGER
KEVIN WATSON, FINANCE DIRECTOR
KURT KOWAR, PUBLIC WORKS DIRECTOR
MEGAN DAVIS, DEPUTY CITY MANAGER**

SUMMARY:

At the July 16, 2019 budget retreat, City Council expressed an interest in having further discussion about any proposed changes to the Capital Improvements Plan (CIP) and the associated budgets, including the BNSF underpass project, which now requires a much larger financial investment than what has been previously budgeted.

City staff is not proposing significant changes to the capital projects budget through the 2020 mid-biennial budget process. However, this document includes a summary of the minor changes, which are under consideration for inclusion in the City Manager's Recommended Budget for 2020.

Proposed 2020 CIP changes

Staff have reviewed all proposed capital projects for the 2019-20 biennial budget and identified those projects no longer slated for completion. The following projects have been removed from the Capital Projects Fund.

- **State Highway 42 & Hecla Traffic Signal**, \$400,000 – This signal has not been approved by CDOT as the intersection has failed to meet traffic warrants.
- **Austin Niehoff House Rehabilitation**, \$52,000 – There are no plans for renovations to occur at this site in the near future.
- **Downtown Surface Parking Expansion**, \$100,000 – There are no near-term plans for developing downtown parking. The development associated with this is not moving forward at this time.

The following projects have been added to the Capital Projects Fund for 2020.

- Electric Vehicle Charging Station, \$8,000
- NeoGov Learning Management Software, \$24,900
- Sander Box Leg Kit, \$22,150

In addition, funding has been added to the budget to reflect DRCOG TIP project awards that will be received by the City for specific transportation projects. These projects

SUBJECT: CAPITAL BUDGET AND PROJECTS UPDATE**DATE: AUGUST 27, 2019****PAGE 2 OF 6**

include both a revenue and expense element, as there is a local match required for each of the projects. The City's portion of the local match would be provided through the Transportation Master Plan First Steps funding line, and some of the revenues reflects local match by partner agencies including the City of Lafayette and Boulder County.

| Project | Funding Share | 2020 | 2021 | 2022 | Total Cost |
|--|-------------------------------------|-----------|-------------|-----------|--------------------|
| SBR at Grade Safety Improvements | City of Louisville | \$225,000 | \$204,983 | | \$429,983 |
| | TIP funding – Federal | | \$1,003,293 | | \$1,003,293 |
| Project total | | \$225,000 | \$1,208,276 | | \$1,433,276 |
| SH 42 Concept Design Plan - Corridor Improve. | | | | | |
| | City of Louisville | \$75,000 | | | \$75,000 |
| | City of Lafayette | \$75,000 | | | \$75,000 |
| | TIP Funding – Federal | \$350,000 | | | \$350,000 |
| Project total | | \$500,000 | | | \$500,000 |
| 104th Street Regional Trail Connector | | | | | |
| | City of Louisville | \$28,334 | | \$130,000 | \$158,334 |
| | City of Lafayette | \$28,333 | | \$130,000 | \$158,333 |
| | Boulder County Parks and Open Space | \$28,333 | | \$130,000 | \$158,333 |
| | TIP Funding – State | | | \$475,000 | \$475,000 |
| Project total | | \$85,000 | | \$865,000 | \$950,000 |
| Louisville total contributions | | \$328,334 | \$204,983 | \$130,000 | \$663,317 |
| Total grant funding | | | | | \$1,828,293 |

Key capital projects for discussion:

Transportation Master Plan Next Steps – The City has budgeted funding for the implementation of the Transportation Master Plan (TMP), which will be considered by City Council for final adoption on October 1. The existing Transportation Master Plan Next Steps budget included in the CIP dedicates a total of \$8 million over a four year period (2019 – 2023):

- 2019 - \$1,000,000
- 2020 - \$3,000,000

- 2021 - \$1,200,000
- 2022 - \$2,800,000

The intent of this budget line was to dedicate funding that could be used to construct/implement specific projects that may come out of the TMP. At this time, none of this funding has been dedicated to specific projects, except the local match required for the transportation projects funded through the DRCOG TIP funding. The projects awarded are all priorities that have been identified in the TMP.

When City Council considers the TMP for final adoption, they will have the opportunity to indicate priority projects that they hope to focus on in the coming year. Since no money is planned to be spent from the 2019 capital budget line for the TMP, the funds could be carried forward (during the annual carryforward process) or cut out of the budget at this time.

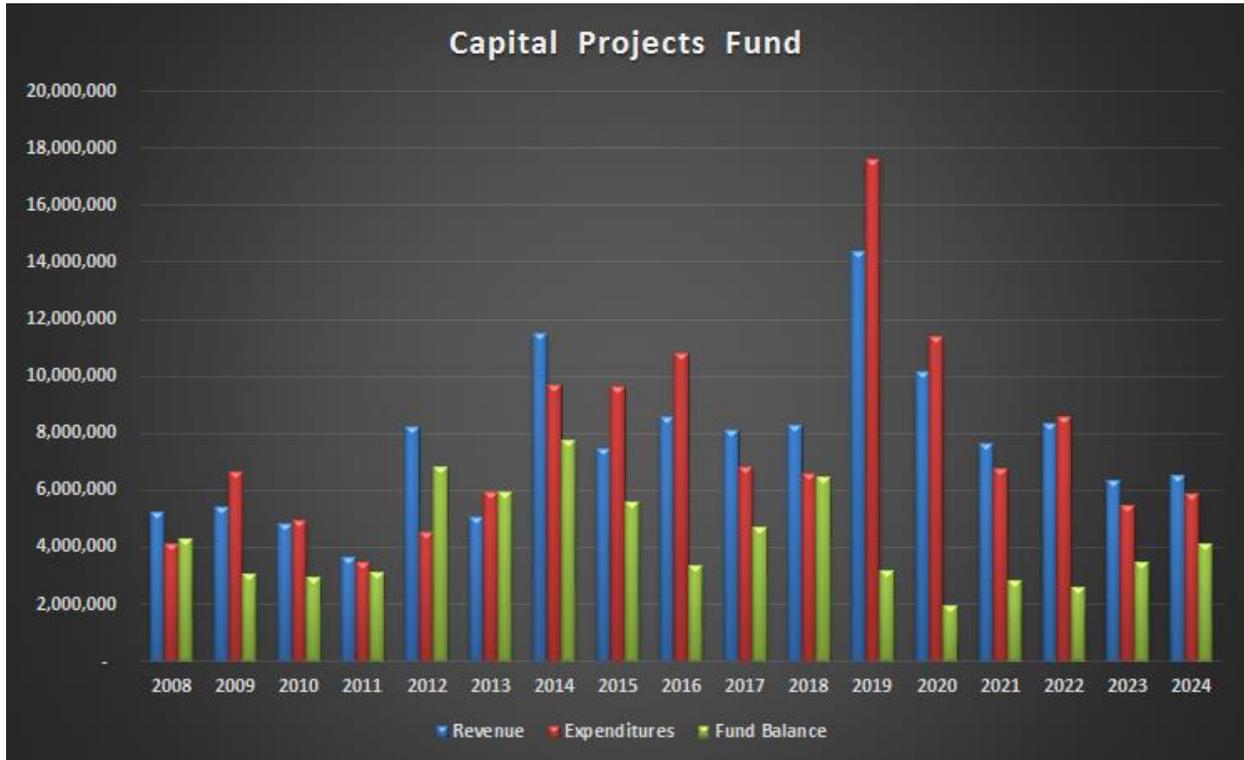
BNSF/Steel Ranch Railroad Underpass

In June, 2019 staff provided an update on the BNSF Steel Ranch underpass project. With design complete the project costs had increased significantly as compared to the 30% design estimates, and since that time the City has received further cost estimates from BNSF for the project. The cost of construction has increased due to BNSF's requirement that the city establish parallel bypass tracks during the time of construction, at a cost of \$2.03 million. The cost of utilities has decreased because fiber line changes are no longer required, however the total cost estimate has increased significantly due to the BNSF requirements.

The latest project cost estimate for the underpass is \$5,845,800. The 2019-20 capital budget (Open Space New Trails), includes \$1,283,500 in 2019 for project construction which includes \$500,000 from Urban Drainage and \$250,000 from Takoda development. The City's share of the project is \$5,095,801. The 2019 budget included \$857,500 in City money and will require a budget adjustment of \$4,238,300 to fund the project in its entirety.

Options for 2020 capital budget changes:

At this time, the capital projects fund is balanced in current and future years. If Council is interested in moving forward with the BNSF Steel Ranch underpass project, budget changes and/or additions would be necessary to complete this project.



Option 1 – Remove or delay the BNSF Steel Ranch Project from the CIP.

Pros: With the increased project costs, Council would be able to prioritize other investments identified through the TMP process over an increased investment in this project. The project requires partnership with BNSF, which has become increasingly challenging and time-consuming for the City and other municipalities across the Front Range, and the City would not have to dedicate significant resources to working with BNSF. The lack of commitment from BNSF means that the project will likely take longer and become more expensive throughout the course of construction.

Cons: The project has been identified as a priority by Open Space Advisory Board and members of the community living in this area. Some funding is available from the Takoda Metropolitan District (\$250,000) and the Urban Drainage & Flood Control District (\$400,000) and the City would forgo these funds.

Option 2 – Move the project forward through reallocation of a portion of the Transportation Master Plan Next Step funds to the BNSF Steel Ranch underpass project. Under this scenario, 2019 and a portion of 2020 TMP Next Steps funding could be allocated to the BNSF underpass. In order to address the funding gap, the entire \$1,000,000 from 2019 and a portion from 2020, for example \$2,000,000, could be diverted for this project. That would still leave a funding gap for the BNSF underpass of \$1,238,300. The City could pursue grant funding to attempt to close this gap. It would also leave enough money in the 2020 TMP Next Steps budget to cover the local share of the TIP projects in 2020 (\$328,334), and some funds remaining (\$671,666) for

smaller transportation projects. The amount dedicated from the 2020 TMP Next Steps budget line could be scaled up, however, a minimum of \$328,334 must be maintained to support the committed local match for TIP grant funding.

Pros: This would make use of the funds that have already been dedicated by participating partners. The trail connection would be complete, providing a safe crossing under the rail road and establishing a connection between the Louisville, Lafayette and Superior trail systems.

Cons: Other projects in the TMP would not be complete due to the cost increases of this project. Grant funding is uncertain. The city would be working with BNSF on the project, and would likely experience administrative and project cost increases.

Option 3 - Move the project forward through reallocation of other funds to the BNSF Steel Ranch underpass project. Under this scenario, Council and staff would work to identify other projects in the CIP that would not be completed in order to fund the underpass. Pros and cons would have to be weighed based on the tradeoffs of funding the BNSF underpass over other projects.

Option 4 – Continue forward with BNSF underpass planning, seek grant funding and determine if additional funds (through TMP Next Steps or other City funds) would be necessary moving forward.

Pros: Would allow staff to determine if there are any near-term (2020) grant funding sources that would be available and competitive for this project. Could bring additional outside funding to the table for the project and reduce the City's share.

Cons: Would potentially limit grant opportunities to this project only, eliminating grant possibilities/funding for other projects. Would require ongoing work with BNSF. Could further delay the project 1 – 2 years due to grant cycles, resulting in cost increases.

Alternatives to BNSF Steel Ranch Underpass:

If the city does not proceed with the development of the underpass at Steel Ranch/Bullhead Gulch, there are a few alternative routes that could be considered to make connections from the northeast portion of the city to open spaces and trails to the southwest.

The first could be to pursue the pedestrian and bicycle trail along the east side of SH 42 that could connect west at Pine Street. This scenario would include two underpasses, one at South Boulder Road and Highway 42 and a second under SH 42 near South Street. The trail could then connect through downtown and into the Pine Street Downtown Connector that has been conceptualized in the TMP. This alignment will be considered during the SH 42 conceptual design study that will begin in 2020.

Another possible scenario would be to bring a trail along the west side of the railroad tracks from Steel Ranch to Main Street, and either bring the trail back up the west side of the tracks or consider the underpass at Main Street to connect south and then ultimately working west toward Harper Lake.

The costs for the SH 42 underpasses are unknown at this time, but these improvements would be conducted as a much larger corridor improvement project to improve multimodal access along one of the City’s most heavily travelled corridors. No design has been completed on the SH 42 corridor trail, but the SH 42 TIP project will look at conceptual design for the trail. Feasibility of a trail south along the east side of the railroad to Main Street and north along the west side has not been studied, but it’s likely that this option would be significantly more cost effective.

FISCAL IMPACT:

The options presented have varying fiscal impacts, which have been outlined within each description.

PROGRAM/SUB-PROGRAM IMPACT:

This discussion impacts both the Finance, Accounting & Tax Administration subprogram objective to provide an efficient, effective, and transparent budget, and the Transportation program goal to provide a safe, well-maintained, effective and efficient multi-modal transportation system at a reasonable cost.

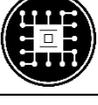
RECOMMENDATION:

Staff is seeking council direction on any CIP changes as well as the specific projects identified in this discussion.

ATTACHMENT(S):

1. CIP budget update

STRATEGIC PLAN IMPACT:

| | | | | | |
|-------------------------------------|---|---|-------------------------------------|---|---|
| <input checked="" type="checkbox"/> |  | Financial Stewardship & Asset Management | <input type="checkbox"/> |  | Reliable Core Services |
| <input type="checkbox"/> |  | Vibrant Economic Climate | <input checked="" type="checkbox"/> |  | Quality Programs & Amenities |
| <input type="checkbox"/> |  | Engaged Community | <input type="checkbox"/> |  | Healthy Workforce |
| <input type="checkbox"/> |  | Supportive Technology | <input checked="" type="checkbox"/> |  | Collaborative Regional Partner |

City of Louisville, Colorado
Six-Year Capital Improvement Plan
For the Years 2019 Through 2024

Open Space & Parks Fund

| Request No. | Project Account | Project Description | 2019 Estimate | 2020 Budget | 2021 Planned | 2022 Planned | 2023 Planned | 2024 Planned | 6-Year Totals |
|-------------|-----------------|---|------------------|----------------|----------------|----------------|----------------|----------------|------------------|
| | 201314-640001 | Machinery & Equipment | 4,050 | - | - | - | - | - | 4,050 |
| | 201511-630071 | Parks and Open Space Signs | 111,250 | - | - | - | - | - | 111,250 |
| | 201511-630101 | Irrig Replacements & Improvs (%) | 30,000 | - | - | - | - | - | 30,000 |
| | 201511-630129 | Playground Surfacing Replacement | 12,000 | 12,000 | - | - | - | - | 24,000 |
| | 201511-630130 | Sundance Park Master Plan | 15,000 | - | - | - | - | - | 15,000 |
| | 201511-630131 | Recycling Cans for Park Sites (%) | 20,000 | 10,000 | - | - | - | - | 30,000 |
| | 201511-630132 | Enhance BMX Track at Community Park | 20,000 | - | - | - | - | - | 20,000 |
| | 201511-630133 | Freeze Resistant Drinking Fountains | 8,000 | 8,000 | - | - | - | - | 16,000 |
| | 201511-630135 | Cottonwood Park Development | - | 216,000 | - | - | - | - | 216,000 |
| | 201511-630151 | Miners Field Fencing Upgrade (%) | 11,000 | - | - | - | - | - | 11,000 |
| | 201511-640000 | Motor Vehicle/Road Equipment (%) | 31,640 | - | - | - | - | - | 31,640 |
| | 201511-640001 | Machinery & Equipment (%) | 52,500 | 52,500 | - | - | - | - | 105,000 |
| | 201511-630127 | Miner's Field Park Improvs | - | 11,000 | - | - | - | - | 11,000 |
| | 201522-630004 | Lastoska Property Conservation | 25,000 | - | - | - | - | - | 25,000 |
| | 201522-630134 | Fishing Pond Dredging & Master Plan | - | 35,000 | - | - | - | - | 35,000 |
| | 201522-640000 | Motor Vehicle/Road Equipment (%) | 35,000 | - | - | - | - | - | 35,000 |
| | 201523-630117 | Interpretive Education | 3,750 | - | - | - | - | - | 3,750 |
| | 201523-660093 | Trail Connections (%) | 35,000 | - | - | - | - | - | 35,000 |
| | 201524-660252 | Coyote Run Slope Mitigation (50%) | 300,000 | - | - | - | - | - | 300,000 |
| | 201528-660015 | Open Space & Parks Signs (%) | - | 120,000 | - | - | - | - | 120,000 |
| | 201528-660067 | Hwy 42 Multi-Use Underpass | 2,291,520 | - | - | - | - | - | 2,291,520 |
| | 201528-660093 | Trail Connections (%) | 572,010 | - | - | - | - | - | 572,010 |
| | 201528-660201 | Trail Projects | - | 37,800 | - | - | - | - | 37,800 |
| 2 | | Equipment Replacement - Parks (70%) | - | - | 52,500 | 52,500 | 52,500 | 52,500 | 210,000 |
| 6 | | Playground Surfacing Replacement | - | - | 12,000 | - | - | - | 12,000 |
| 8 | | Recycling Cans for Park Sites (50%) | - | - | 10,000 | - | - | - | 10,000 |
| 10 | | Freeze Resistant Drinking Fountains at Park Sites | - | - | 8,000 | 8,000 | 8,000 | - | 24,000 |
| 11 | | Open Space & Parks Trail & Direct'l Signs (50%) | - | - | 19,200 | - | 78,000 | - | 97,200 |
| 13 | | Fishing Pond Dredging & Master Plan | - | - | 180,000 | - | - | - | 180,000 |
| 15 | | Trail Projects | - | - | 277,860 | 205,320 | 112,800 | - | 595,980 |
| 17 | | Equipment Replacement | - | - | - | - | 7,000 | 60,000 | 67,000 |
| 18 | | Damyanovich Master Plan | - | - | - | - | 25,000 | - | 25,000 |
| | | Total Open Space & Parks Fund | 3,577,720 | 502,300 | 559,560 | 265,820 | 283,300 | 112,500 | 5,301,200 |

Conservation Trust - Lottery Fund

| Request No. | Project Account | Project Description | 2019 Estimate | 2020 Budget | 2021 Planned | 2022 Planned | 2023 Planned | 2024 Planned | 6-Year Totals |
|-------------|-----------------|--|----------------|----------------|----------------|----------------|----------------|----------------|------------------|
| 19 | 202511-630048 | Playgrounds (%) | 224,000 | 224,000 | - | - | - | - | 448,000 |
| | | Playground Replacement (80%) | - | - | 224,000 | 224,000 | 224,000 | 236,000 | 908,000 |
| | | Total Conservation Trust - Lottery Fund | 224,000 | 224,000 | 224,000 | 224,000 | 224,000 | 236,000 | 1,356,000 |

Cemetery Fund

| Request No. | Project Account | Project Description | 2019 Estimate | 2020 Budget | 2021 Planned | 2022 Planned | 2023 Planned | 2024 Planned | 6-Year Totals |
|-------------|-----------------|-------------------------------------|---------------|--------------|--------------|--------------|--------------|--------------|---------------|
| | 204799-640000 | Motor Vehicle/Road Equipment (%) | 3,930 | - | - | - | - | - | 3,930 |
| | 204799-640001 | Machinery & Equipment (%) | 7,500 | 7,500 | - | - | - | - | 15,000 |
| 2 | | Equipment Replacement - Parks (10%) | - | - | 7,500 | 7,500 | 7,500 | 7,500 | 30,000 |
| | | Total Cemetery Fund | 11,430 | 7,500 | 7,500 | 7,500 | 7,500 | 7,500 | 48,930 |

PEG Fee Fund

| Request No. | Project Account | Project Description | 2019 Estimate | 2020 Budget | 2021 Planned | 2022 Planned | 2023 Planned | 2024 Planned | 6-Year Totals |
|-------------|-----------------|---------------------------|---------------|-------------|--------------|--------------|--------------|--------------|---------------|
| | 205120-600008 | PEG Capital | 1,100 | - | - | - | - | - | 1,100 |
| | | Total PEG Fee Fund | 1,100 | - | - | - | - | - | 1,100 |

Historic Preservation Fund

| Request No. | Project Account | Project Description | 2019 Estimate | 2020 Budget | 2021 Planned | 2022 Planned | 2023 Planned | 2024 Planned | 6-Year Totals |
|-------------|--------------------------|---|----------------|-------------|--------------|--------------|--------------|--------------|----------------|
| | 207542-620098 | Austin Niehoff House Rehab (%) | - | - | - | - | - | - | - |
| | 207542-620109 | Miners' Cabins Relocation | 208,000 | - | - | - | - | - | 208,000 |
| | 207542-620113 | Historical Museum Structural Work (%) | 60,850 | - | - | - | - | - | 60,850 |
| | | Total Historic Preservation Fund | 268,850 | - | - | - | - | - | 268,850 |

Recreation Fund

| Request No. | Project Account | Project Description | 2019 Estimate | 2020 Budget | 2021 Planned | 2022 Planned | 2023 Planned | 2024 Planned | 6-Year Totals |
|-------------|-----------------|--|----------------|----------------|---------------|----------------|---------------|---------------|------------------|
| | 208533-640138 | Rec Center Pool Table Replacements | - | 10,000 | - | - | - | - | 10,000 |
| | 208535-620122 | Rec Center Pool Plaster | - | 79,000 | - | - | - | - | 79,000 |
| | 208535-620123 | Memory Square Plaster | 105,000 | - | - | - | - | - | 105,000 |
| | 208535-640137 | Memory Square Pool Safety Cover | 16,000 | - | - | - | - | - | 16,000 |
| | 208535-640139 | Rec Center Pool Vacuums | - | 12,000 | - | - | - | - | 12,000 |
| | 208535-630148 | Memory Square Pool Play Feature | 13,000 | - | - | - | - | - | 13,000 |
| | 208538-610009 | Sports Complex Infield Improvements | 80,000 | - | - | - | - | - | 80,000 |
| | 208538-630152 | Replace Miners Field Scoreboard | 40,000 | - | - | - | - | - | 40,000 |
| | 208538-630153 | Rebuild Cleo Dugout Roof | 25,000 | - | - | - | - | - | 25,000 |
| | 208539-620121 | Rec Center Gym Curtain Replacement | 15,000 | - | - | - | - | - | 15,000 |
| | 208539-620124 | MAC Gym Curtain | 45,000 | - | - | - | - | - | 45,000 |
| | 208539-630149 | Rec Center Interior and Exterior Signage | 60,000 | - | - | - | - | - | 60,000 |
| | 208539-640123 | Rec Center Equipment Replacement | 70,000 | 70,000 | 70,000 | 70,000 | 70,000 | 70,000 | 420,000 |
| | 208539-640136 | Rec Center Adjustable Basketball Hoops | 11,760 | - | - | - | - | - | 11,760 |
| 32 | | Rec Center Pool Deck Reseal | - | - | - | 35,000 | - | - | 35,000 |
| 33 | | Recreation Center Campus Master Plan | - | - | - | 128,000 | - | - | 128,000 |
| | | Total Recreation Fund | 480,760 | 171,000 | 70,000 | 233,000 | 70,000 | 70,000 | 1,094,760 |

Capital Projects Fund

| Request No. | Project Account | Project Description | 2019 Estimate | 2020 Budget | 2021 Planned | 2022 Planned | 2023 Planned | 2024 Planned | 6-Year Totals |
|-------------|-----------------|--|---------------|-------------|--------------|--------------|--------------|--------------|---------------|
| | 301103-660025 | Decorative Streetlight LED Conversion | 50,000 | 135,000 | - | - | - | - | 185,000 |
| | 301103-630131 | Recycling Cans for Park Sites (%) | 20,000 | 10,000 | - | - | - | - | 30,000 |
| | 301103-640030 | Electric Vehicle Charging Station | 8,000 | 8,000 | - | - | - | - | 16,000 |
| | 301112-620115 | City Clerk's Office Renovation | 15,000 | - | - | - | - | - | 15,000 |
| | 301161-660241 | Bike Share Program | 10,000 | - | - | - | - | - | 10,000 |
| | 301165-620098 | Austin Niehoff House Rehab (%) | - | - | - | - | - | - | - |
| | 301173-650035 | ERP System | 114,490 | - | - | - | - | - | 114,490 |
| | (New) | NEOGov Learning Management Software | - | 24,900 | - | - | - | - | 24,900 |
| | 301173-650090 | Rec Center-Copier Replacement | 9,800 | - | - | - | - | - | 9,800 |
| | 301173-650097 | City-Wide Surveillance Refresh | 124,710 | - | - | - | - | - | 124,710 |
| | 301173-650098 | IT Core Switching Fabric Upgrades | 36,500 | - | - | - | - | - | 36,500 |
| | 301173-650099 | Storage, Server, & Backup Refresh | - | 135,000 | - | - | - | - | 135,000 |
| | 301173-660258 | Middle Mile Fiber | 200,000 | - | - | - | - | - | 200,000 |
| | 301191-640118 | City Hall Security Improvements | 8,150 | - | - | - | - | - | 8,150 |
| | 301211-620116 | Police Dept Basement Restrooms & Lockers | 282,500 | - | - | - | - | - | 282,500 |
| | 301211-620118 | Police Dept Basement Sleep Room | 27,000 | - | - | - | - | - | 27,000 |
| | 301211-620125 | Police Dept Lobby Security Glass | 20,000 | - | - | - | - | - | 20,000 |
| | 301211-640024 | LTE D-Block Radio Program | 11,100 | - | - | - | - | - | 11,100 |
| | 301211-640106 | Body Cams | 24,170 | - | - | - | - | - | 24,170 |
| | 301211-640114 | FM Radio Stations | 6,000 | 5,000 | - | - | - | - | 11,000 |
| | 301211-640124 | Handheld 700-800 Portable Radios | 15,420 | - | - | - | - | - | 15,420 |
| | 301211-650027 | Toughbook, Prntrs, Dockng Stns | 8,000 | - | - | - | - | - | 8,000 |
| | 301211-650089 | Police/Courts Records Mgmt Sys | 300,000 | - | - | - | - | - | 300,000 |
| | 301219-610010 | Police Dept Parking Lot Repaving | 35,000 | - | - | - | - | - | 35,000 |
| | 301219-620120 | Police Dept Electrical Work | 25,000 | - | - | - | - | - | 25,000 |
| | 301219-660276 | Police Dept Concrete Replacement | 199,000 | - | - | - | - | - | 199,000 |
| | 301311-630138 | Bus Stop Improvements | 157,000 | - | - | - | - | - | 157,000 |
| | 301311-630139 | Street Lighting Safety Upgrades | 40,000 | - | - | - | - | - | 40,000 |
| | 301311-660202 | Railroad Quiet Zones | 3,317,900 | - | - | - | - | - | 3,317,900 |
| | 301311-660227 | SH 42: Hecla Dr Traffic Signal | 39,710 | - | - | - | - | - | 39,710 |
| | 301311-660239 | SBR Connectivity Feasibility S | 35,030 | - | - | - | - | - | 35,030 |
| | 301312-630120 | Bus then Bike Shelter | 25,000 | - | - | - | - | - | 25,000 |
| | 301312-630141 | ADA Parking Improvements | 15,000 | 75,000 | - | - | - | - | 90,000 |
| | 301312-630142 | Traffic Mitigation | 25,000 | 25,000 | - | - | - | - | 50,000 |
| | 301312-630144 | Transportation Master Plan First Steps | 1,000,000 | 3,000,000 | - | - | - | - | 4,000,000 |
| | 301312-640001 | Machinery & Equipment (%) | 5,030 | - | - | - | - | - | 5,030 |
| | 301312-660012 | Pavement Booster Program | 5,028,130 | 4,840,000 | - | - | - | - | 9,868,130 |
| | 301312-660022 | Concrete Replacement | 75,000 | 75,000 | - | - | - | - | 150,000 |
| | 301312-660064 | Bridge Inspection Follow-Up Repairs | 30,000 | 100,000 | - | - | - | - | 130,000 |
| | 301312-660068 | South Street Underpass (%) | 184,250 | - | - | - | - | - | 184,250 |
| | 301312-660079 | SH42 Short Intersection Design | 153,550 | - | - | - | - | - | 153,550 |
| | 301312-660222 | SH42 Short Intersection Construction | 3,279,840 | - | - | - | - | - | 3,279,840 |
| | 301312-660226 | Downtown Clay/Concrete Paver | 119,490 | - | - | - | - | - | 119,490 |
| | 301312-660247 | DRCOG Traffic Signal Improvts | 50,000 | - | - | - | - | - | 50,000 |
| | 301312-660255 | SH42 & Hecla Drive Traffic Signal | - | - | - | - | - | - | - |
| | 301312-660256 | Downtown Ornamental Light Replacement | 70,000 | 72,000 | - | - | - | - | 142,000 |
| | 301312-660257 | Downtown Surface Parking Expansion | - | - | - | - | - | - | - |
| | 301313-630101 | Irrigation Clock Replacements (%) | 20,000 | - | - | - | - | - | 20,000 |
| | 301313-630140 | Downtown Tree Grate Conduit Replacement | 26,000 | 28,000 | - | - | - | - | 54,000 |
| | 301313-630145 | Subdivision Entry Landscape Improvements | 7,000 | 57,000 | - | - | - | - | 64,000 |

Capital Projects Fund (continued)

| Request No. | Project Account | Project Description | 2019 Estimate | 2020 Budget | 2021 Planned | 2022 Planned | 2023 Planned | 2024 Planned | 6-Year Totals |
|-------------|-----------------|---|-------------------|-------------------|------------------|------------------|------------------|------------------|-------------------|
| | 301313-640000 | Motor Vehicle/Road Equipment (%) | 26,000 | - | - | - | - | - | 26,000 |
| | 301313-640001 | Machinery & Equipment (%) | 7,500 | 7,500 | - | - | - | - | 15,000 |
| | (New) | Sander Box Leg Kit | - | 22,150 | - | - | - | - | 22,150 |
| | 301313-660103 | Median Improvements | 275,000 | 275,000 | - | - | - | - | 550,000 |
| | 301313-660226 | Downtown Clay/Concrete Paver Replacement | 110,000 | 110,000 | - | - | - | - | 220,000 |
| | 301313-660254 | Utility Undergrounding | 680,000 | - | - | - | - | - | 680,000 |
| | 301314-640001 | Machinery & Equipment (%) | 7,500 | 7,500 | - | - | - | - | 15,000 |
| | 301314-640135 | Snow & Ice Attachment | 18,000 | - | - | - | - | - | 18,000 |
| | 301511-630048 | Playground Replacement (%) | 56,000 | 56,000 | - | - | - | - | 112,000 |
| | 301511-630067 | Heritage Restroom Renovation | 28,000 | 200,000 | - | - | - | - | 228,000 |
| | 301511-630151 | Miners Field Fencing Upgrade (%) | 44,000 | - | - | - | - | - | 44,000 |
| | 301524-660252 | Coyote Run Slope Mitigation (50%) | 300,000 | - | - | - | - | - | 300,000 |
| | 301528-660015 | Open Space & Parks Signs (%) | - | 120,000 | - | - | - | - | 120,000 |
| | 301528-660068 | South Street Underpass (%) | 92,640 | - | - | - | - | - | 92,640 |
| | 301528-660069 | BNSF RR Underpass/N Drainage (%) | - | 1,283,500 | - | - | - | - | 1,283,500 |
| | 301531-630127 | Miners Field Fencing Upgrade (%) | - | 22,000 | - | - | - | - | 22,000 |
| | 301532-630127 | Miners Field Fencing Upgrade (%) | - | 22,000 | - | - | - | - | 22,000 |
| | 301532-640046 | Fitness Equipment | 22,360 | - | - | - | - | - | 22,360 |
| | 301537-640000 | Motor Vehicle/Road Equipment (%) | 3,250 | - | - | - | - | - | 3,250 |
| | 301551-650087 | Upgrade Makerspace | - | 15,000 | - | - | - | - | 15,000 |
| | 301551-620036 | Library Building Improvements | 16,820 | - | - | - | - | - | 16,820 |
| | 301552-620097 | Historical Museum Campus (%) | 20,850 | 165,400 | - | - | - | - | 186,250 |
| | 301552-620038 | Museum Campus Building Improvements | 51,210 | - | - | - | - | - | 51,210 |
| | 301552-620113 | Historical Museum Structural Work (%) | 60,850 | - | - | - | - | - | 60,850 |
| | 301553-620114 | Center for the Arts Restoration | 46,620 | - | - | - | - | - | 46,620 |
| | 301553-630136 | Community Park Stage Improvements | 24,000 | - | - | - | - | - | 24,000 |
| | 301553-640001 | Machinery & Equipment (%) | 5,020 | - | - | - | - | - | 5,020 |
| | 301651-630137 | Downtown Patio Program Expansion | 25,000 | 25,000 | - | - | - | - | 50,000 |
| 50 | | Concrete Replacement | - | - | 75,000 | 75,000 | 75,000 | 75,000 | 300,000 |
| 53 | | Downtown Clay/Concrete Paver Replacement | - | - | 110,000 | - | - | - | 110,000 |
| 54 | | Downtown Tree Grate Conduit Replacement | - | - | 56,000 | 56,000 | - | - | 112,000 |
| 60 | | Downtown Ornamental Light Replacement | - | - | 75,000 | 80,000 | - | - | 155,000 |
| 61 | | Pavement Management Program | - | - | 4,000,000 | 4,600,000 | 4,300,000 | 4,500,000 | 17,400,000 |
| 2 | | Equipment Replacement - Parks (20%) | - | - | 15,000 | 15,000 | 15,000 | 15,000 | 60,000 |
| 63 | | Median Landscape Renovation | - | - | 275,000 | - | - | - | 275,000 |
| 66 | | Transportation Master Plan First Steps | - | - | 1,200,000 | 2,800,000 | - | - | 4,000,000 |
| 8 | | Recycling Cans for Park Sites (50%) | - | - | 10,000 | - | - | - | 10,000 |
| 19 | | Playground Replacement (20%) | - | - | 56,000 | 56,000 | 56,000 | 59,000 | 227,000 |
| 68 | | Decorative Streetlight LED Conversion | - | - | 100,000 | 110,000 | 100,000 | 100,000 | 410,000 |
| 69 | | Subdivision Entry Landscape Improvements | - | - | 57,000 | 57,000 | 57,000 | - | 171,000 |
| 11 | | Open Space & Parks Trail & Direct'l Signs (50%) | - | - | 19,200 | - | 78,000 | - | 97,200 |
| 73 | | Golf Maintenance Facility Improvements | - | - | 99,910 | - | - | 124,130 | 224,040 |
| 74 | | Golf Division Equipment Replacement | - | - | 117,360 | 117,360 | 117,360 | 117,360 | 469,440 |
| 75 | | Public Parking Lot Paving Program | - | - | - | 130,000 | 130,000 | 130,000 | 390,000 |
| 76 | | Improvements to Community Dog Park | - | - | - | - | 57,500 | 215,630 | 273,130 |
| | | Total Capital Projects Fund | 17,173,390 | 10,920,950 | 6,265,470 | 8,096,360 | 4,985,860 | 5,336,120 | 52,778,150 |

Recreation Center Construction Fund

| Request No. | Project Account | Project Description | 2019 Estimate | 2020 Budget | 2021 Planned | 2022 Planned | 2023 Planned | 2024 Planned | 6-Year Totals |
|-------------|-----------------|--|------------------|-------------|--------------|--------------|--------------|--------------|------------------|
| | 303120-620106 | Rec Center Construction | 3,637,610 | - | - | - | - | - | 3,637,610 |
| | | Total Recreation Center Construction Fund | 3,637,610 | - | - | - | - | - | 3,637,610 |

Water Utility Fund

| Request No. | Project Account | Project Description | 2019 Estimate | 2020 Budget | 2021 Planned | 2022 Planned | 2023 Planned | 2024 Planned | 6-Year Totals |
|-------------|-----------------|-------------------------------------|---------------|-------------|--------------|--------------|--------------|--------------|---------------|
| | 501498-640000 | Motor Vehicle/Road Equipment (%) | 190,500 | - | - | - | - | - | 190,500 |
| | 501498-640001 | Machinery & Equipment (%) | 9,650 | - | - | - | - | - | 9,650 |
| | 501498-640045 | Meters | 168,000 | - | - | - | - | - | 168,000 |
| | 501498-640121 | WTP Resvr Treat Boat & Trailer | 25,000 | - | - | - | - | - | 25,000 |
| | 501498-660182 | Water Line Replacement | 1,844,000 | 1,273,000 | - | - | - | - | 3,117,000 |
| | 501498-660205 | PRV Replacement | 75,000 | - | - | - | - | - | 75,000 |
| | 501498-660221 | HBWTP Filter Media Replacement | 5,000 | - | - | - | - | - | 5,000 |
| | 501498-660234 | Tube Settler Replacement | 380,920 | - | - | - | - | - | 380,920 |
| | 501498-660237 | Water Tank Int Structure Maint | 92,600 | - | - | - | - | - | 92,600 |
| | 501498-660259 | Floride Equipment Replacement | 105,000 | - | - | - | - | - | 105,000 |
| | 501499-600025 | Fire Hydrant Painting | 44,690 | - | - | - | - | - | 44,690 |
| | 501499-620119 | Utilities Electrical Assessment (%) | - | 32,500 | - | - | - | - | 32,500 |
| | 501499-630146 | Marshall Lake Sediment Control | - | 110,000 | - | - | - | - | 110,000 |
| | 501499-640116 | Water Plants Disinfection Eval | 408,040 | - | - | - | - | - | 408,040 |
| | 501499-640127 | Excavation Shoring Box (%) | 9,000 | - | - | - | - | - | 9,000 |
| | 501499-640131 | Water Utility Trucks | 80,000 | - | - | - | - | - | 80,000 |
| | 501499-650035 | ERP System | 2,000 | - | - | - | - | - | 2,000 |
| | 501499-650080 | Water Facilities SCADA Upgrade | 36,000 | - | - | - | - | - | 36,000 |
| | 501499-660175 | WTP Chemical Storage Tanks | - | 405,000 | - | - | - | - | 405,000 |
| | 501499-660190 | NCWCD-Windy Gap Firing Proj | 2,500,000 | 747,000 | - | - | - | - | 3,247,000 |
| | 501499-660211 | Howard Diversion Upgrades | 128,740 | - | - | - | - | - | 128,740 |
| | 501499-660212 | SCWTP Recycle Pond Maintenance | 86,000 | - | - | - | - | - | 86,000 |
| | 501499-660230 | HBWTP HVAC Upgrade | 3,000 | - | - | - | - | - | 3,000 |
| | 501499-660231 | Louisville Lateral Ditch Pipin | 20,000 | - | - | - | - | - | 20,000 |
| | 501499-660232 | Cent/McCaslin Hi Zone Water Lp | 22,230 | - | - | - | - | - | 22,230 |
| | 501499-660236 | SBR Ditch Lining | 170,200 | 88,310 | - | - | - | - | 258,510 |
| | 501499-660237 | WTP Tank Cleaning & Evaluation | - | 50,000 | - | - | - | - | 50,000 |
| | 501499-660243 | Louisville Pipeline Flow Control | 417,930 | - | - | - | - | - | 417,930 |
| | 501499-660244 | HBWTP Upgrades | 197,220 | - | - | - | - | - | 197,220 |
| | 501499-660245 | SCWTP Upgrades | 550,770 | - | - | - | - | - | 550,770 |
| | 501499-660260 | WTP Vault Painting | - | 225,000 | - | - | - | - | 225,000 |
| | 501499-660261 | WTP Raw Water Study | - | 75,000 | - | - | - | - | 75,000 |
| | 501499-660274 | NCWCD SWSP Eastern Pump Station | - | 150,000 | - | - | - | - | 150,000 |
| | 501499-660275 | NCWCD SWSP Transmission Capacity | 287,000 | 1,324,000 | - | - | - | - | 1,611,000 |
| 77 | | SBR Ditch Lining | - | - | 90,510 | - | - | - | 90,510 |
| 78 | | Water Line Replacement | - | - | 205,000 | 205,000 | 483,000 | 140,000 | 1,033,000 |
| 80 | | Louisville Lateral Ditch Piping | - | - | - | 2,693,000 | - | - | 2,693,000 |
| 83 | | NCWCD - Windy Gap Firing Project | - | - | 747,000 | 747,000 | 747,000 | 747,000 | 2,988,000 |
| 87 | | WTP Vehicle & Equipment Replacement | - | - | - | - | 80,000 | 48,500 | 128,500 |
| 95 | | Marshall Lake Sediment Control | - | - | 566,000 | - | - | - | 566,000 |
| 96 | | WTP Tank Cleaning & Evaluation | - | - | - | 48,000 | - | - | 48,000 |
| 98 | | WTP Raw Water Study | - | - | 100,000 | - | - | - | 100,000 |

Water Utility Fund (continued)

| Request No. | Project Account | Project Description | 2019 Estimate | 2020 Budget | 2021 Planned | 2022 Planned | 2023 Planned | 2024 Planned | 6-Year Totals |
|---------------------------------|-----------------|-----------------------------------|------------------|------------------|------------------|------------------|------------------|------------------|-------------------|
| 100 | | Water Rights Acquisition | - | - | 565,000 | 552,000 | 566,000 | 580,000 | 2,263,000 |
| 101 | | Pump Replacement & Rehabilitation | - | - | 84,000 | 276,000 | 17,000 | - | 377,000 |
| 102 | | SCWTP Filter Media Replacement | - | - | - | - | 447,000 | - | 447,000 |
| 103 | | Meter Replacement | - | - | - | - | 754,000 | 773,000 | 1,527,000 |
| Total Water Utility Fund | | | 7,858,490 | 4,479,810 | 2,357,510 | 4,521,000 | 3,094,000 | 2,288,500 | 24,599,310 |

Wastewater Utility Fund

| Request No. | Project Account | Project Description | 2019 Estimate | 2020 Budget | 2021 Planned | 2022 Planned | 2023 Planned | 2024 Planned | 6-Year Totals |
|--------------------------------------|-----------------|---|------------------|----------------|----------------|------------------|----------------|----------------|------------------|
| | 502498-640000 | Motor Vehicle/Road Equipment | - | 37,000 | - | - | - | - | 37,000 |
| | 502498-640001 | Machinery & Equipment | 9,650 | - | - | - | - | - | 9,650 |
| | 502498-640134 | Replacement High Pressure Sewer Cleaner | 260,000 | - | - | - | - | - | 260,000 |
| | 502498-660183 | Sewer Utility Lines | 498,000 | 275,000 | - | - | - | - | 773,000 |
| | 502498-660216 | Reuse System Replacement | 32,000 | - | - | - | - | - | 32,000 |
| | 502498-660265 | Reuse System Equipment Replacement | 32,000 | 66,000 | - | - | - | - | 98,000 |
| | 502498-660272 | Drum Thickener Replacement | - | 275,000 | - | - | - | - | 275,000 |
| | 502499-620119 | Utilities Electrical Assessment (%) | - | 32,500 | - | - | - | - | 32,500 |
| | 502499-630147 | WWTP Digester and Reuse Lighting Improvements | 40,000 | - | - | - | - | - | 40,000 |
| | 502499-640127 | Excavation Shoring Box (%) | 3,000 | - | - | - | - | - | 3,000 |
| | 502499-640132 | WWTP Tractor | 62,000 | - | - | - | - | - | 62,000 |
| | 502499-640133 | Portable Lift Station Pump | 50,000 | - | - | - | - | - | 50,000 |
| | 502499-650035 | ERP System | 2,000 | - | - | - | - | - | 2,000 |
| | 502499-660153 | Wastewater Plant Upgrade | 15,000 | - | - | - | - | - | 15,000 |
| | 502499-660262 | WWTP Additional Influent Pump | 72,000 | - | - | - | - | - | 72,000 |
| | 502499-660263 | WWTP Asphalt Addition | 50,000 | - | - | - | - | - | 50,000 |
| | 502499-660264 | WWTP Digester Control Improvements | 100,000 | - | - | - | - | - | 100,000 |
| | 502499-660266 | WWTP Digester and Digester Lights | 40,000 | - | - | - | - | - | 40,000 |
| | 502499-660267 | WWTP Aeration Basin & Reuse Mixers | 150,000 | - | - | - | - | - | 150,000 |
| | 502499-660268 | WWTP Total Suspended Solids (TSS) Probes | 45,000 | - | - | - | - | - | 45,000 |
| | 502499-660269 | WWTP Vac Dump Station | 235,000 | - | - | - | - | - | 235,000 |
| | 502499-660271 | OPS Lift Station Painting | - | 75,000 | - | - | - | - | 75,000 |
| 114 | | Sewer Line Replacement | - | - | 420,000 | 400,000 | 350,000 | 425,000 | 1,595,000 |
| 119 | | WWTP Vehicle Replacement | - | - | - | - | - | 48,500 | 48,500 |
| 120 | | WWTP Dewatering Building Upgrades | - | - | 76,000 | 753,000 | - | - | 829,000 |
| Total Wastewater Utility Fund | | | 1,695,650 | 760,500 | 496,000 | 1,153,000 | 350,000 | 473,500 | 4,928,650 |

Storm Water Utility Fund

| Request No. | Project Account | Project Description | 2019 Estimate | 2020 Budget | 2021 Planned | 2022 Planned | 2023 Planned | 2024 Planned | 6-Year Totals |
|---------------------------------------|-----------------|--|----------------|----------------|----------------|----------------|----------------|----------------|------------------|
| | 503499-630032 | Ctywide Strm Sewr Outfall Imps | 5,100 | - | - | - | - | - | 5,100 |
| | 503499-630096 | Detention Pond Maintenance | 118,500 | 121,500 | - | - | - | - | 240,000 |
| | 503499-630150 | Drainageway "A-1" Garfield/Cottonwood | - | 500,000 | - | - | - | - | 500,000 |
| | 503499-640001 | Machinery & Equipment | 4,620 | - | - | - | - | - | 4,620 |
| | 503499-640128 | Arterial Snow Plow Replacement (%) | 56,000 | - | - | - | - | - | 56,000 |
| | 503499-660251 | Drainageway G Dillon Rd Crossing | 150,000 | - | - | - | - | - | 150,000 |
| | 503499-660273 | Storm Water Quality Master Plan | 100,000 | 150,000 | - | - | - | - | 250,000 |
| 121 | | Storm Sewer Detention Pond Maintenance | - | - | 124,500 | 150,000 | 129,000 | 135,500 | 539,000 |
| 122 | | Storm Water Quality Master Plan | - | - | 150,000 | 150,000 | 150,000 | - | 450,000 |
| Total Storm Water Utility Fund | | | 434,220 | 771,500 | 274,500 | 300,000 | 279,000 | 135,500 | 2,194,720 |

Golf Course Fund

| Request No. | Project Account | Project Description | 2019 Estimate | 2020 Budget | 2021 Planned | 2022 Planned | 2023 Planned | 2024 Planned | 6-Year Totals |
|-------------------------------|-----------------|---------------------------------|---------------|----------------|--------------|--------------|--------------|--------------|----------------|
| | 520799-620112 | Shelter Improvements | 14,500 | - | - | - | - | - | 14,500 |
| | 520799-650015 | Irrigation Computer Replacement | 11,200 | - | - | - | - | - | 11,200 |
| | 520799-630115 | Cart Path Repairs | - | 18,410 | - | - | - | - | 18,410 |
| | | Chemical Storage Building | - | 31,930 | - | - | - | - | 31,930 |
| | | Golf Carts | - | 132,300 | - | - | - | - | 132,300 |
| Total Golf Course Fund | | | 25,700 | 182,640 | - | - | - | - | 208,340 |

Technology Management Fund

| Request No. | Project Account | Project Description | 2019 Estimate | 2020 Budget | 2021 Planned | 2022 Planned | 2023 Planned | 2024 Planned | 6-Year Totals |
|---|-----------------|---------------------|---------------|---------------|---------------|---------------|---------------|---------------|----------------|
| | 602120-650015 | Computer-Hardware | 60,000 | 60,000 | - | - | - | - | 120,000 |
| 126 | | Computer-Software | - | - | 60,000 | 60,000 | 60,000 | 60,000 | 240,000 |
| Total Technology Management Fund | | | 60,000 | 60,000 | 60,000 | 60,000 | 60,000 | 60,000 | 360,000 |

Fleet Management Fund

| Request No. | Project Account | Project Description | 2019 Estimate | 2020 Budget | 2021 Planned | 2022 Planned | 2023 Planned | 2024 Planned | 6-Year Totals |
|------------------------------------|-----------------|------------------------------|----------------|----------------|----------------|----------------|----------------|----------------|------------------|
| | 603120-640000 | Motor Vehicle/Road Equipment | 35,000 | - | - | - | - | - | 35,000 |
| | 603211-640000 | Motor Vehicle/Road Equipment | 254,170 | 177,240 | - | - | - | - | 431,410 |
| | 603314-640000 | Motor Vehicle/Road Equipment | 352,500 | - | - | - | - | - | 352,500 |
| 127 | 603211-640000 | Motor Vehicle/Road Equipment | - | - | 171,920 | 180,530 | 189,550 | 199,030 | 741,030 |
| Total Fleet Management Fund | | | 641,670 | 177,240 | 171,920 | 180,530 | 189,550 | 199,030 | 1,559,940 |

All Funds

| Fund Description | 2019 Estimate | 2020 Budget | 2021 Planned | 2022 Planned | 2023 Planned | 2024 Planned | 6-Year Totals |
|-------------------------------------|-------------------|-------------------|-------------------|-------------------|------------------|------------------|-------------------|
| Open Space & Parks Fund | 3,577,720 | 502,300 | 559,560 | 265,820 | 283,300 | 112,500 | 5,301,200 |
| Conservation Trust - Lottery Fund | 224,000 | 224,000 | 224,000 | 224,000 | 224,000 | 236,000 | 1,356,000 |
| Cemetery Fund | 11,430 | 7,500 | 7,500 | 7,500 | 7,500 | 7,500 | 48,930 |
| PEG Fee Fund | 1,100 | - | - | - | - | - | 1,100 |
| Historic Preservation Fund | 268,850 | - | - | - | - | - | 268,850 |
| Recreation Fund | 480,760 | 171,000 | 70,000 | 233,000 | 70,000 | 70,000 | 1,094,760 |
| Capital Projects Fund | 17,173,390 | 10,920,950 | 6,265,470 | 8,096,360 | 4,985,860 | 5,336,120 | 52,778,150 |
| Recreation Center Construction Fund | 3,637,610 | - | - | - | - | - | 3,637,610 |
| Water Utility Fund | 7,858,490 | 4,479,810 | 2,357,510 | 4,521,000 | 3,094,000 | 2,288,500 | 24,599,310 |
| Wastewater Utility Fund | 1,695,650 | 760,500 | 496,000 | 1,153,000 | 350,000 | 473,500 | 4,928,650 |
| Storm Water Utility Fund | 434,220 | 771,500 | 274,500 | 300,000 | 279,000 | 135,500 | 2,194,720 |
| Golf Course Fund | 25,700 | 182,640 | - | - | - | - | 208,340 |
| Technology Management Fund | 60,000 | 60,000 | 60,000 | 60,000 | 60,000 | 60,000 | 360,000 |
| Fleet Management Fund | 641,670 | 177,240 | 171,920 | 180,530 | 189,550 | 199,030 | 1,559,940 |
| Total for All Funds | 36,090,590 | 18,257,440 | 10,486,460 | 15,041,210 | 9,543,210 | 8,918,650 | 98,337,560 |