

Parks and Public Landscaping Advisory Board

Agenda

Thursday, September 5, 2019

Louisville City Services

739 S. 104th St.

7:00 PM

1. Roll Call
2. Approval of Agenda
3. Approval of Minutes
4. Staff Updates
5. Board Updates
6. Public Comments on Items Not on the Agenda
7. Design Build Services for Median Landscape Renovations, 70% Update
8. Sid Copeland Water Treatment Facility Building Addition and Tree Replacement – Information / Courtesy Update
9. Continued Discussion on Subdivision Entry Landscape Capital Improvement Program Prioritization
10. Agenda Items for Next Meeting
11. Adjourn

Parks and Public Landscaping Advisory Board

Minutes

Thursday August 1, 2019

Louisville City Services

739 S. 104th St

7:00 PM

1. Roll Call – PPLAB members present: Shelly Alm, Dave Clabots, Diana Gutowski, Laurie Hartford, Ezra Paddock & Ellen Toon. Staff Liaison: Dean Johnson. Director of Parks & Rec. Nathan Mosely. City Council Liaison: Susan Loo.
2. Approval of Agenda: Unanimously approved
3. Approval of Minutes: Unanimously approved
4. Staff Updates
 - a. Dean suggested the Board review current use of herbicides in parks in January instead of December. The Board approved.
 - b. Dean presented project updates on the newly surfaced Louisville Sports Complex fields. The new infield mix will help prevent future rain/weather cancellations.
 - c. Dean presented photos of proposals regarding Miner’s Field Fencing project.
 - d. New park names were approved by City Council.
 - e. Nathan shared details on the kickoff meeting for the playground construction. Playgrounds that will be replaced are Elephant Park and Keith Helart. The Sports Complex playground may also be replaced if funding allows.
 - f. Sue shared updates regarding Council’s decision to name Walnut Park as open space. The categorization of open space is to be determined.
5. Board Updates
 - a. Ezra shared updates from the outdoor recreation amenities committee. They made updates and finalizations to their survey, which will be sent out soon.
6. Public Comments on Items Not on the Agenda
 - a. None

7. Subdivision Entry Landscape Capital Improvement Program Prioritization Discussion
 - a. Dean shared possible subdivision sites for discussion.
 - b. Shelley suggested “plantscapes” and “hardscapes” for median renovations be coordinated for cohesiveness. The Board agreed.
 - c. Board agrees to assess sites as well as other potential sites for future implementation.
8. Park Sign Rules Design Discussion
 - a. Dean shared the streamlined park sign rules.
 - b. The Board discussed top priorities to print on new signs.
 - c. A proof of the new signs will be coming soon.
9. Agenda Items for Next Meeting
 - a. Median renovation project.
 - b. Subdivision entry landscape capital improvement prioritization discussion.
 - c. Revisit park scorecard to determine capital improvement “wish list”.
10. Meeting adjourned at 8:59 PM

Memorandum

To: Parks and Public Landscaping Advisory Board
From: Allan Gill, PLA, Parks Project Manager
Date: September 5, 2019
**Re: Design Build Services for Median Landscape Renovations,
70% Update**

Information and Summary:

On April 16, 2019 City Council awarded the Median Landscape Renovations Project to the design build team of Designsapces 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.

Time Line and Funding:

Council has approved \$275,000 for phase I 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 2021 funding into 2020.

Next Steps:

- Continue working closely with staff to define current conditions.
- Continue working with staff to define a tree management and mitigation strategy.
- Coordinate with Public Works.
- Continue to refine design concepts.
- Continue work on construction documents and detailed cost estimates.
- Begin demolition followed by construction.

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



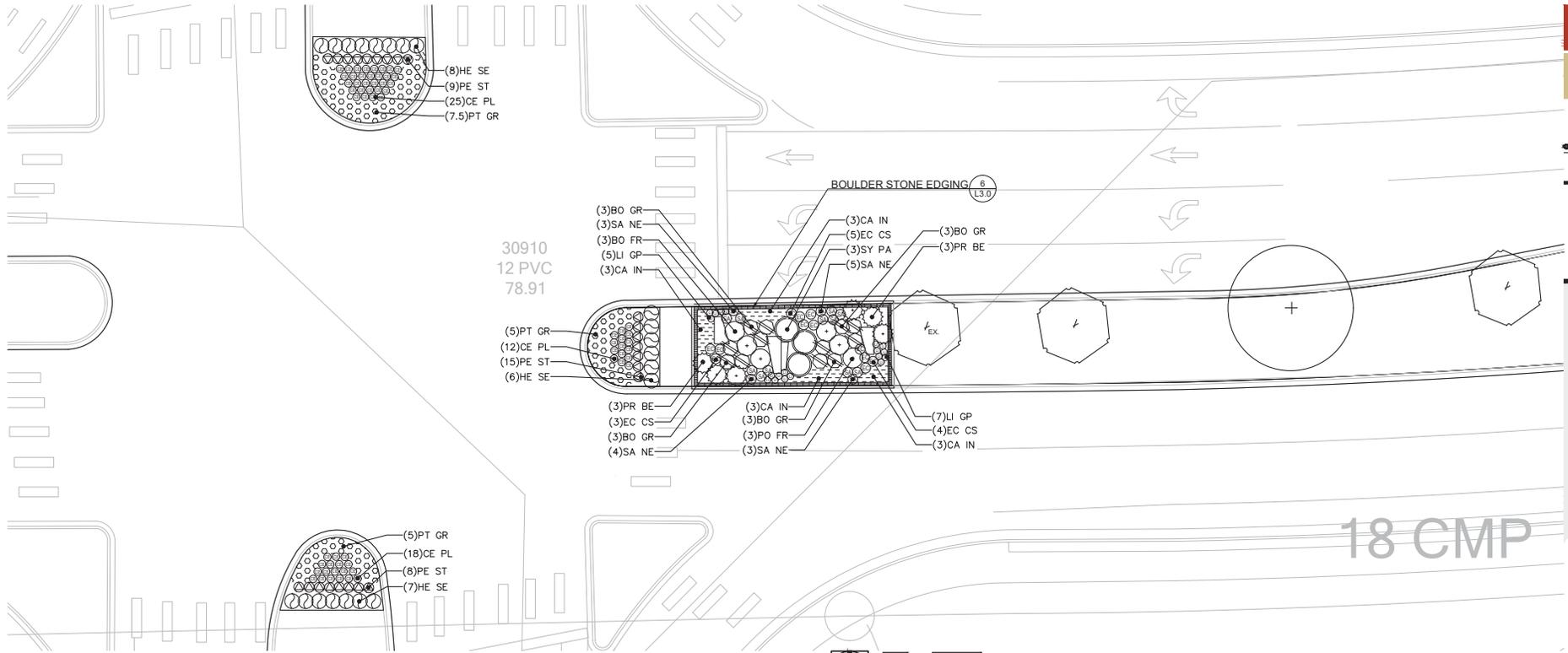
Project No.: 21934.00
Issued For: 70% CD
Date: 07.31.19

Drafted By: NK
Checked By: BW

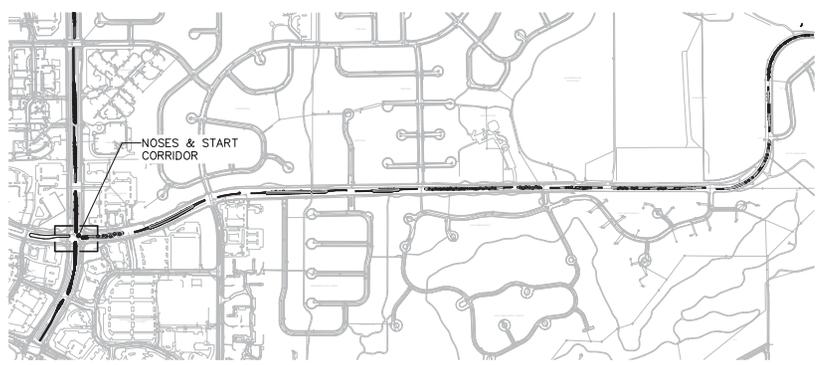
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COVER SHEET

**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		PETUNIAS
	ANNUALS		CITY FORESTER TO VERIFY TREE REMOVALS PROPOSED PRIOR TO CONSTRUCTION

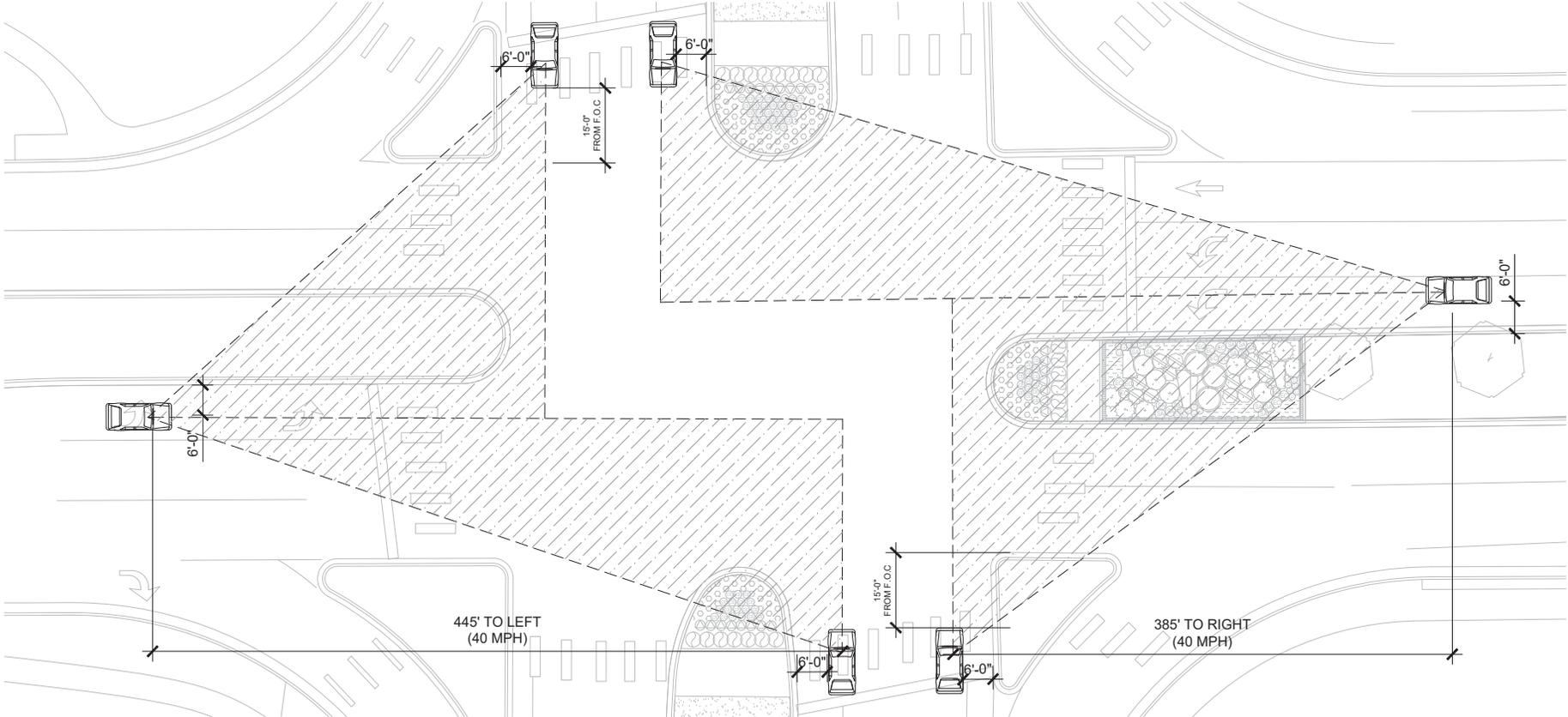


Project No.: 21914.00
Date: 07.30.19

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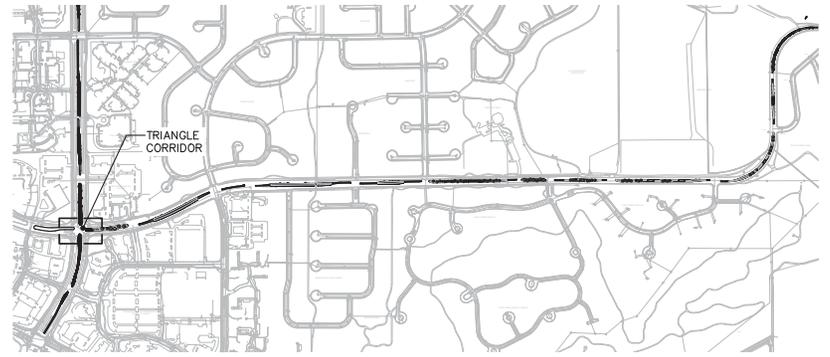
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PLANTING PLAN



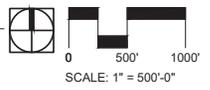
1 McCASLIN/CHERRY SIGHT TRIANGLE CORRIDOR

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
GROUND COVERS			EXISTING EVERGREEN TREE
	PRAIRIE WINECUPS		EXISTING TREES TO BE REPLACED
	EVENING PRIMROSE		CITY FORESTER TO VERIFY TREE REMOVALS PROPOSED PRIOR TO CONSTRUCTION
	WILD BLUE FLAX		
ANNUALS			
	PETUNIAS		

Planting Palette - Louisville Medians

Corridor Beginning + End

Cherry St. Medians



Bloom Chart

MONTH:	Dec	Jan	Feb	Mar	Apr	May	Jun	July	Aug	Sep	Oct	Nov
Ground Covers												
Annuals												
Perennials												
Grasses												
Shrubs												

[--Evening Pri. (yellow)--]
 [-----Prairie Wine. (Burgundy)-----]
 [-----Blue Flax (Blue)-]
 [-----Celosia (multi)-----]
 [-----Petunia (white/pink)-----]
 [--Lily--]
 [----Penst. Rocky (purple)-]
 [----Penst. Red riding (Red)----]
 [----Hummingbird (Orange)----]
 [---May night (purple)---]
 [-----Coneflower (multi)-----]
 [-----Aster (purple)---]
 [-----Fountain Grass (Burgundy)-----]
 [-----Blue Avena (blue/tan)-----]
 [-----Blonde Amb. (tan)-----]
 [-----Gold Spirea (Green/yellow/orange)-----]
 [-----Pawnee (white/red)-----]
 [----Potentilla (yellow)----]
 [---Lilac (purple)---]
 [-----Smokebush (deep purple)-----]

Existing Noses



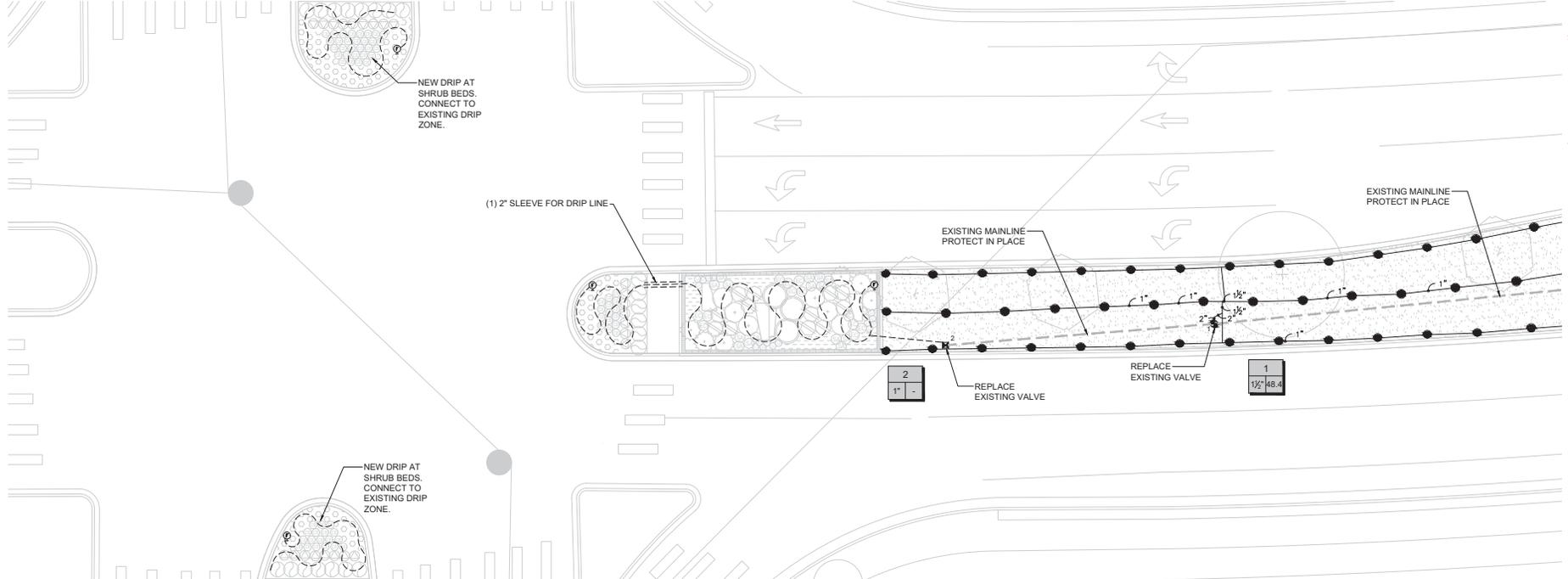
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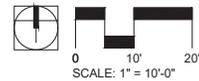
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IRRIGATION PLAN - 1

IR1.0



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



VALVE SCHEDULE	
FLOW RANGE	VALVE SIZE
0-20 GPM	1"
21-50 GPM	1-1/2"
51-200 GPM	2"

NOTE: REFER TO THIS CHART FOR VALVE SIZES. IF DISCREPANCIES ARE FOUND BETWEEN THE PLANS AND THIS CHART, THE SIZES ON THE CHART SHALL TAKE PRECEDENCE.

IRRIGATION SCHEDULE

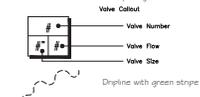
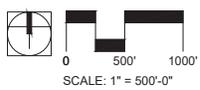
SYMBOL	MANUFACTURER/MODEL/DESCRIPTION	PSI
	Rain Bird RD-OG-5-F30 I/O Series MPR Turf Spray, 6.0" Pop-Up, with 30 psi in-stem pressure regulation, and Seal-A-Matic check valve. 1/2" NPT female threaded inlet.	30
	Rain Bird RD-OG-5-F30 I2 Series MPR Turf Spray, 6.0" Pop-Up, with 30 psi in-stem pressure regulation, and Seal-A-Matic check valve. 1/2" NPT female threaded inlet.	30
	Rain Bird RD-OG-5-F30 I5 Series MPR Turf Spray, 6.0" Pop-Up, with 30 psi in-stem pressure regulation, and Seal-A-Matic check valve. 1/2" NPT female threaded inlet.	30
	Rain Bird KCZ-100-PRB-COM Wide Flow Drip Control Kit for Commercial Applications. 1" Ball Valve with 1" FESB Valve and 1" Pressure Regulating 40psi Quick-Check Basket Filter. 0.3gpm to 20gpm.	
	Flush Valve 3/4" Ball Valve	
	Rain Bird FESB Electric Remote Control Valve	
	Irrigation Lateral Line: PVC Class 1 60 SDR 26	
	Irrigation Mainline: Existing Mainline	
	Pipe Sleeve: PVC Class 200 SDR 21 4" sleeve for irrigation pipe, unless otherwise noted. Sleeve size shall be min. 2" pipe sizes larger than the pipe passing through it. Extend sleeves 18" beyond edges of paving, and caps/paint at both ends.	

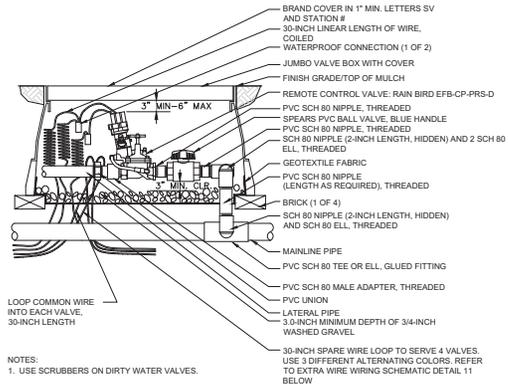
IRRIGATION NOTES:

- The irrigation system is designed to operate off the existing system in place. Contractor to verify pressure PRIOR TO INSTALLATION and notify Owner of reading in writing prior to construction. Design pressure at heads to be as noted in legend. Adjust pressure at valves. Contractor to notify owner if source pressure can be reduced, and by how much.
- No irrigation work to begin until final grade has been approved.
- Locate all spray heads 6" min. from any wall, walk, curb, or building. Locate all rotary heads 12" minimum from any wall, walk, or curb.
- Do not stack pipes. Pipes in shared trenches to be 4" minimum apart.
- Brand all appropriate box lids with 1" minimum letters (per specifications) with the following abbreviations:
 S/W - Spigot Valve & Corresponding Controller Station #
 ISO - Isolation Gate Valve
 QC - Quick Coupler
 WS - Wire Splice
 FP - Drip Flush Point
- All pipe under pavement to be sleeved in 4" minimum PVC class 200 and extend 18" beyond each edge of pavement, sloped to drain. All sleeves shall be minimum 2" pipe sizes larger than the pipe passing through them. Install all sleeving prior to paving. Sleeve wires separately in 4" class 200 PVC. Bore under existing pavement for new sleeves, unless otherwise indicated on the plans.
- Heads are diagrammatic. Contractor to select and install correct area as needed for part circle heads. Adjust radii and arcs as necessary for no overspray/backlash onto adjacent concrete sidewalks or surfaces, buildings, walls, or fences.
- Electric power to the controller shall be provided by Contractor.
- All damage to existing irrigation system due to construction shall be to original condition at no additional cost to owner. All repairs shall be complete prior to system startup.
- Plan has been prepared using limited on-site observation. Plan is diagrammatic and does not reflect all equipment, etc., that could be encountered during construction. All tie locations, mainline locations and lateral locations are approximate and shall require exact location by Contractor.
- Water settle all trenches for proper compaction.
- Paint location of the mainline and laterals, and flag location of all heads & valves for approval by Owner prior to any trenching.
- Pre-construction meetings:
 a. The Contractor shall schedule an irrigation specific pre-construction meeting with the DAC team which shall commence prior to starting any irrigation construction. Provide a minimum of 48 hours notice for meeting.
 b. Provide Owner with written documentation of existing pressure prior to construction.
- Provide red zone wires, white common wires, and (4) blue spare wires for the entire length of all mainline segments. Wire material to be per specifications.

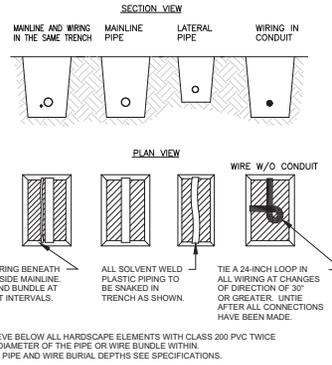


2 VICINITY MAP - CHERRY ST.
 Scale: 1" = 500'

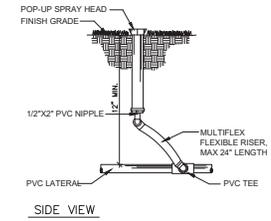




1 AUTOMATIC SECTION VALVE
 NOT TO SCALE



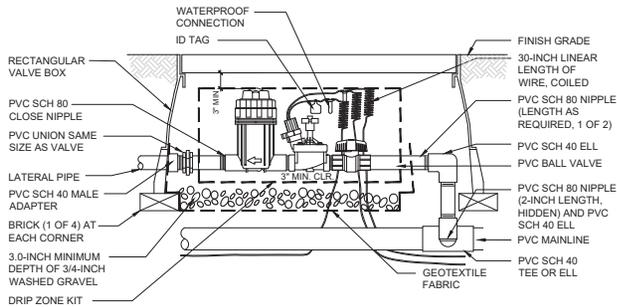
2 PIPE AND WIRE TRENCHING
 NOT TO SCALE



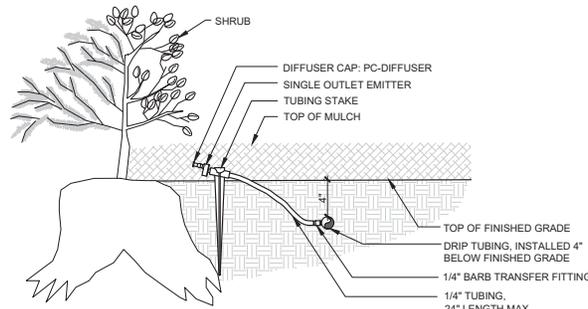
NOTES:
 1. ALL PVC NIPPLES AND FITTINGS TO BE SCHEDULE 80.
 2. COMPACT BACKFILL PER SPECIFICATIONS.
 3. FUNNY PIPE MAY BE USED IN PLACE OF SWING JOINT ON SPRAY HEADS.

REFER TO SPECIFICATIONS FOR MATERIALS.

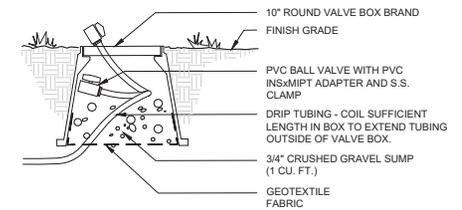
3 POP-UP SPRAY HEAD
 NOT TO SCALE



4 DRIP CONTROL VALVE
 SCALE: 1" = 1'-0"



5 DRIP EMITTER IN SHRUBS
 SCALE: 3/4" = 1'-0"



6 DRIP FLUSH POINT
 SCALE: 1" = 1'-0"



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IRRIGATION DETAILS

IR2.0

Memorandum

To: Parks and Public Landscaping Advisory Board
From: Allan Gill, PLA, Park's Project Manager
Date: September 5, 2019
**Re: Sid Copeland Water Treatment Facility Building Addition and
Tree Replacement – Information / Courtesy Update**

Information and Courtesy Update:

The Water & Wastewater Treatment division of the Public Works department is working on an addition to the existing administration build located at the Sid Copeland Water Treatment Facility, at 1955 Washington Avenue. The existing building has about 2,000 square feet of administrative space and the planned building addition will be located on the north side of building adding approximately 900 square feet. The project is in the design phase currently and will go through the planning process this fall followed by construction in early 2020.

Two trees will be removed to allow for construction of the building addition. In their place, four trees have been proposed to be planted adjacent to the east side of the administration building.

Unfortunately, the entire 13.5-acre site contains numerous utilities making selection of planting sites for replacement trees difficult. This area was also selected as it allows for the planting of replacement trees and minimizes impact to views to the north and west for adjacent homes located to the south of the facility.

The replacement trees selected are relatively small and will soften the façade of the existing administration building.

Intent:

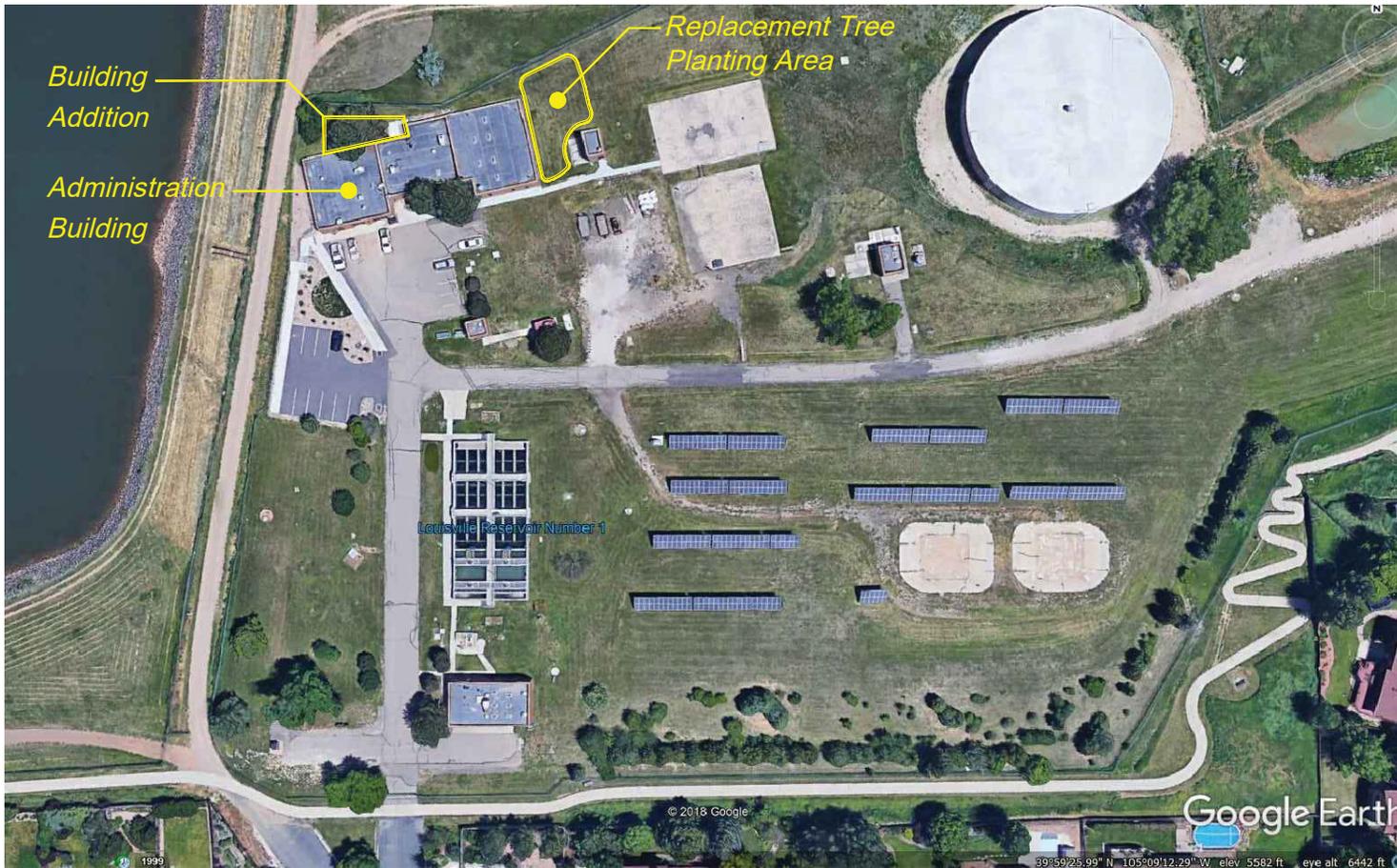
Two Trees Will Be Removed To Allow For the Building Addition, Four Trees Will Be Planted To Replace Them.

Due To The Sensitivity Of The Neighbors The Replacement Trees Will Be Planted Near the Existing Administration Building To Soften The Facade Of The Building.

Proposed Trees:

<i>Pinus Edulis</i>	<i>Pinion Pine</i>	Ht: 25' & Spd: 15'
<i>Pinus mugo 'Tannenbaum'</i>	<i>Tannenbaum Mugo Pine</i>	Ht: 15' & Spd: 6'
<i>Pinus nigra 'Oregon Green'</i>	<i>Oregon Green Austrian Pine</i>	Ht: 20' & Spd: 15'

The Proposed Trees Are Relatively Small In Size



North Water Treatment Plant

Approximate Scale: Not To Scale 

Designed by:	AG
Reviewed by:	AG
Date:	September 5, 2019
Project Number:	TBD
File Name:	Replacement Trees.dwg
Revisions:	

To: Parks and Public Landscaping Advisory Board (PPLAB)
From: Dean Johnson, Parks Superintendent
Date: 8/26/19
Subject: Subdivision Entry Landscape Capital Improvement Program Prioritization Discussion

Purpose:

The purpose of this agenda item is to continue the discussion on prioritizing the subdivision entryways for possible landscape renovations in 2020, based on the approved program goals.

Background:

Funding for this program has been approved for planning to occur during 2019, with a \$7,000 budget, followed by construction to occur in 2020, with a \$57,000 budget. Based on the program goals and site needs, more than likely the approved funding will support multiple subdivision entryways for renovations occurring in 2020.

Program Guidelines

These main components or guidelines are essentially considered the Subdivision Entry Landscape Renovation Program.

- Prioritization of entryways for landscape renovations will occur through PPLAB.
- All subdivision landscape entry designs will be approved by PPLAB.
- Replacing or repairing subdivision signs will not be funded nor is a part of this CIP/program. If in disrepair, PPLAB recommends removal.
- Annual planting replacements (flowers) will not be a part of this program.
- If it currently does not exist, utilities will not be added, i.e., water. Plant material will not be added to entryways that currently do not have irrigation.

Two types of design concepts for landscape renovations will occur: simply, those designed with water and those without.

1. Landscape Renovations With Water – design will include a plant palette approved by PPLAB which will focus on minimal shrubs, trees if appropriate, and aggregate mulch.
2. Landscape Renovations Without Water – design will focus on a selection of aggregate mulch and boulders if appropriate.

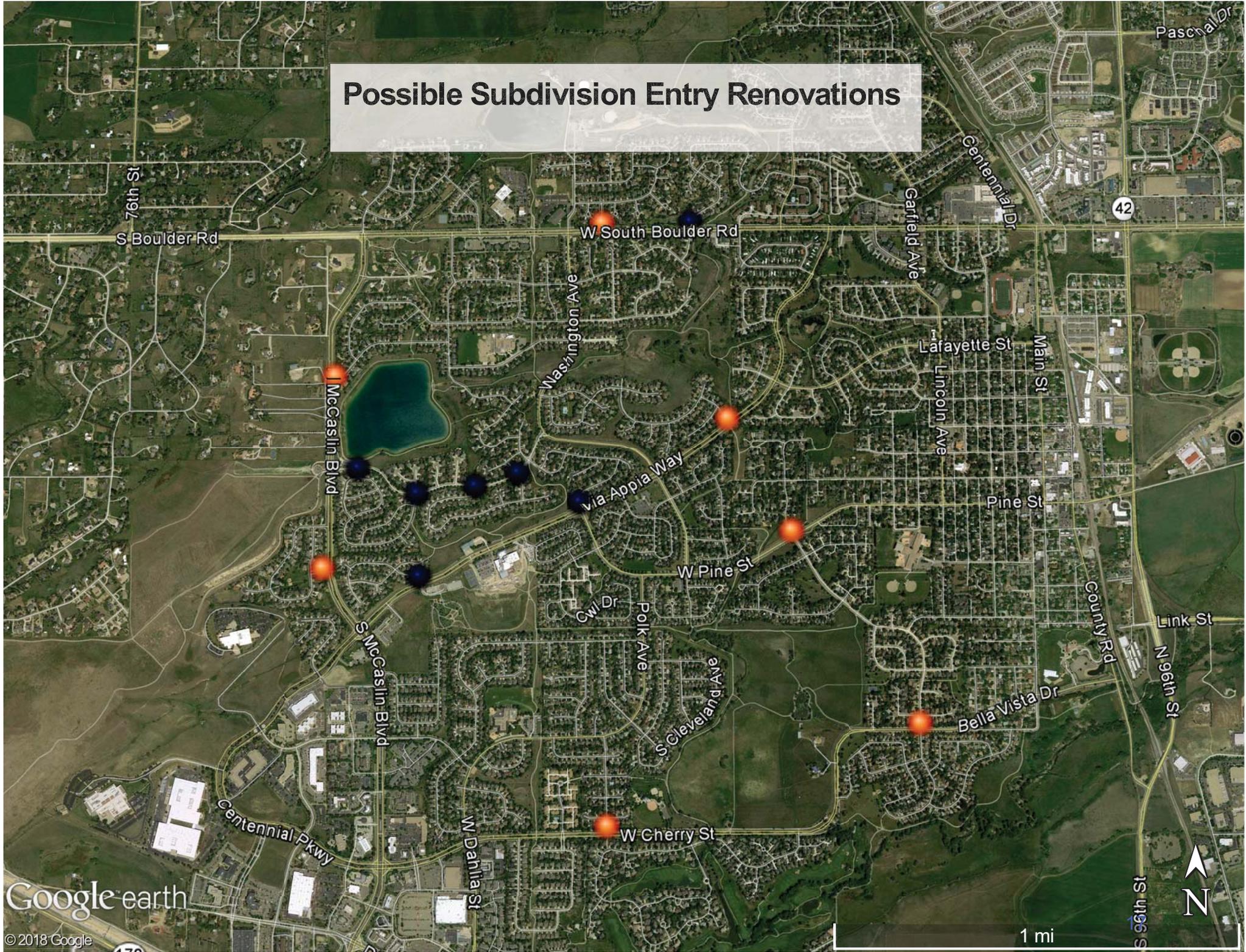
Prioritization

Attached is a map (which is not all inclusive of all needs) to aid in the discussion of possible subdivision entry renovations occurring in 2020. Goal will be to prioritize the first five.

Next Steps:

Once prioritization has been completed, the next step will be the development of construction and bid documents. The number of entryways renovated in 2020 will be determined by the amount the approved funding can support based on future bids received.

Possible Subdivision Entry Renovations



Parks and Public Landscaping Advisory Board

TENTATIVE* Board Items Calendar

(updated August 26, 2019)

October 3, 2019	November 7, 2019	December 5, 2019
<p>Action Items:</p> <p>Updates/Discussion from the Department:</p> <ul style="list-style-type: none"> • Sundance Park Master Plan Open House • Playground Replacement Capital Project Discussion <p>Updates/Discussion from the Board:</p>	<p>Action Items:</p> <p>Updates/Discussion from the Department:</p> <ul style="list-style-type: none"> • Transportation Master Plan • Revisit park scorecard to help determine capital improvement “wish list” <p>Updates/Discussion from the Board:</p>	<p>Action Items:</p> <p>Updates/Discussion from the Department:</p> <ul style="list-style-type: none"> • Planning and Review of 2019 and 2020 PPLAB Goals <p>Updates/Discussion from the Board:</p>
January 9, 2019	February 6, 2019	March 5, 2020
<p>Action Items:</p> <p>Updates/Discussion from the Department:</p> <ul style="list-style-type: none"> • Review of Current Use of Herbicides in Parks • Election of Officers <p>Update/Discussion from the Board:</p>	<p>Action Items:</p> <p>Updates/Discussion from the Department:</p> <p>Update/Discussion from the Board:</p>	<p>Action Items:</p> <p>Update/Discussion from the Department:</p> <ul style="list-style-type: none"> • Capital Project Requests <p>Update/Discussion from the Board:</p>

*All items are subject to change.