

# **LIVE STREAMING & AUDIO RECORDING**

***Now In Progress***



COLLABORATE. CREATE. **DEVELOP.** COMPLETE.

# Board of Commissioners

**Regular Meeting**  
**April 11, 2022**



# AGENDA

**I. Call to Order**

Chair Zuckerman

**II. Action Item: Agenda Changes/Additions**

Chair Zuckerman

**III. Work Session**

- A. Boise Bikeshare Reboot (15 minutes).....Dave Fotsch, Valley Regional Transit
- B. Electric Vehicle Charging Update (10 minutes).....Aaron Nelson

# Boise Bike Share 2.0

The reboot

Presented to the Capital City Development Corporation

April 11, 2022



valleyregionaltransit



**BIKE-SHARING IS EVOLVING.**

**It's going electric.**

**Quick, easy  
convenient**

# Popular

**E-bike sales grew 47% in 2021 over 2020**  
**Market value - \$741 million\***

# Clean

- **CITY OF BOISE'S PATHWAYS PLAN**
- **VRT TRANSITIONING TO ELECTRIC BUSES**
- **BOISE = 100% CLEAN ENERGY BY 2035**

The background of the image is a scenic landscape. The foreground consists of rolling, dry, orange-brown hills with sparse vegetation. In the middle ground, a small town or village is visible, nestled in a valley. The town features several buildings, including what appears to be a school or large institutional building, surrounded by trees with some autumn-colored foliage. The background shows more hills and a clear blue sky with scattered white and yellow-tinted clouds, suggesting a bright, sunny day.

**E-BikeShare is movement forward**



# BOISE GREENBIKE

# Looking back



## 2015

- 114 bikes
- 15 station hubs
- Two title sponsors
- System developed with Boise State

## 2018

- 127 bikes
- 110 regular & flex hubs
- 23,500 active members
- Serves mostly downtown and Boise State

## 2019

- The industry continued to evolve.
- Our system headed for obsolescence.
- We went to RFP for a new vendor partner.

## 2019

- Drop Mobility selected as vendor
- We asked sponsors for a larger investment.
- Sponsors declined, our relationship ends.
- Started search for new sponsors

## 2020

- Worldwide pandemic
- Operation suspended during the lock-down
- Ridership never recovers
- Service suspended permanently in September 2020

## 2021

- Donated or sold GreenBikes
- Continue to pursue sponsors.



# **A new vendor and partner**

**drOpbike**



- GPS equipped
- Tracks every trip
- Tons of data
- Best technology
- Industry standard

# dropbike

- **QR code unlocking**
- **Customizable software**
- **Dedication to small & mid-sized cities**
- **Public-private partnerships**



# What's the Plan?



# Mobility for all



**AFFORDABLE**

**ACCESSIBLE**

**EQUITABLE**



# Proposed Pricing Schedule

Electric-assist bikes		
e-bike minimum (to unlock)	\$1	\$1 to start
e-bike per minute (Pay as You Go)	\$0.15	From the 1st minute
Monthly membership	\$39	One hour of free ride time daily – no unlock fee - additional time at PAYG
Annual membership	\$99	One hour of free ride time daily – no unlock fee – additional time at PAYG
Student Annual membership	\$49	One hour of free ride time daily – no unlock fee - additional time at PAYG
Out of hub fee	\$2	Every time a bike is locked away from a designated station hub.

# Access for all



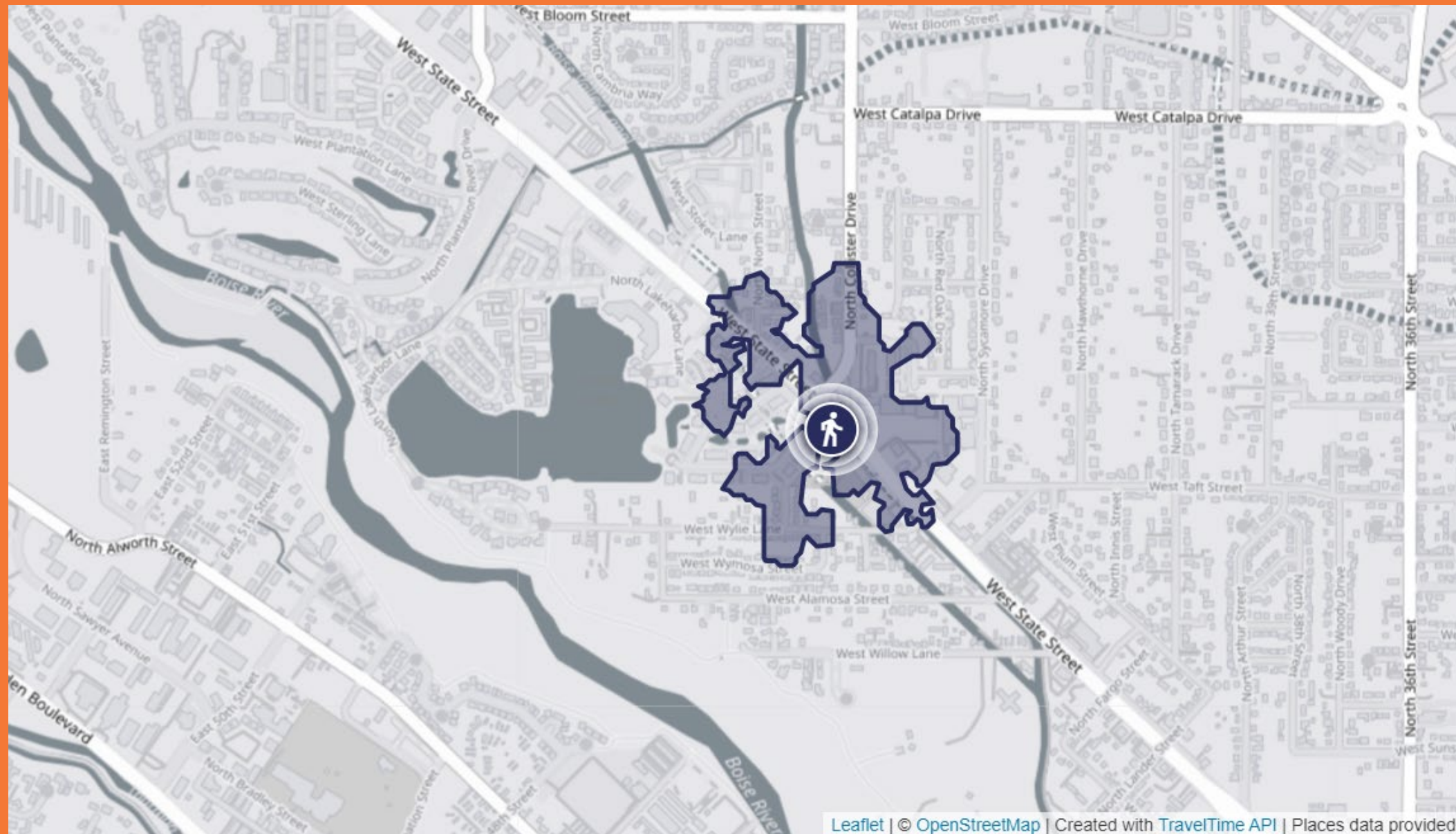


# The last leg of bus commutes

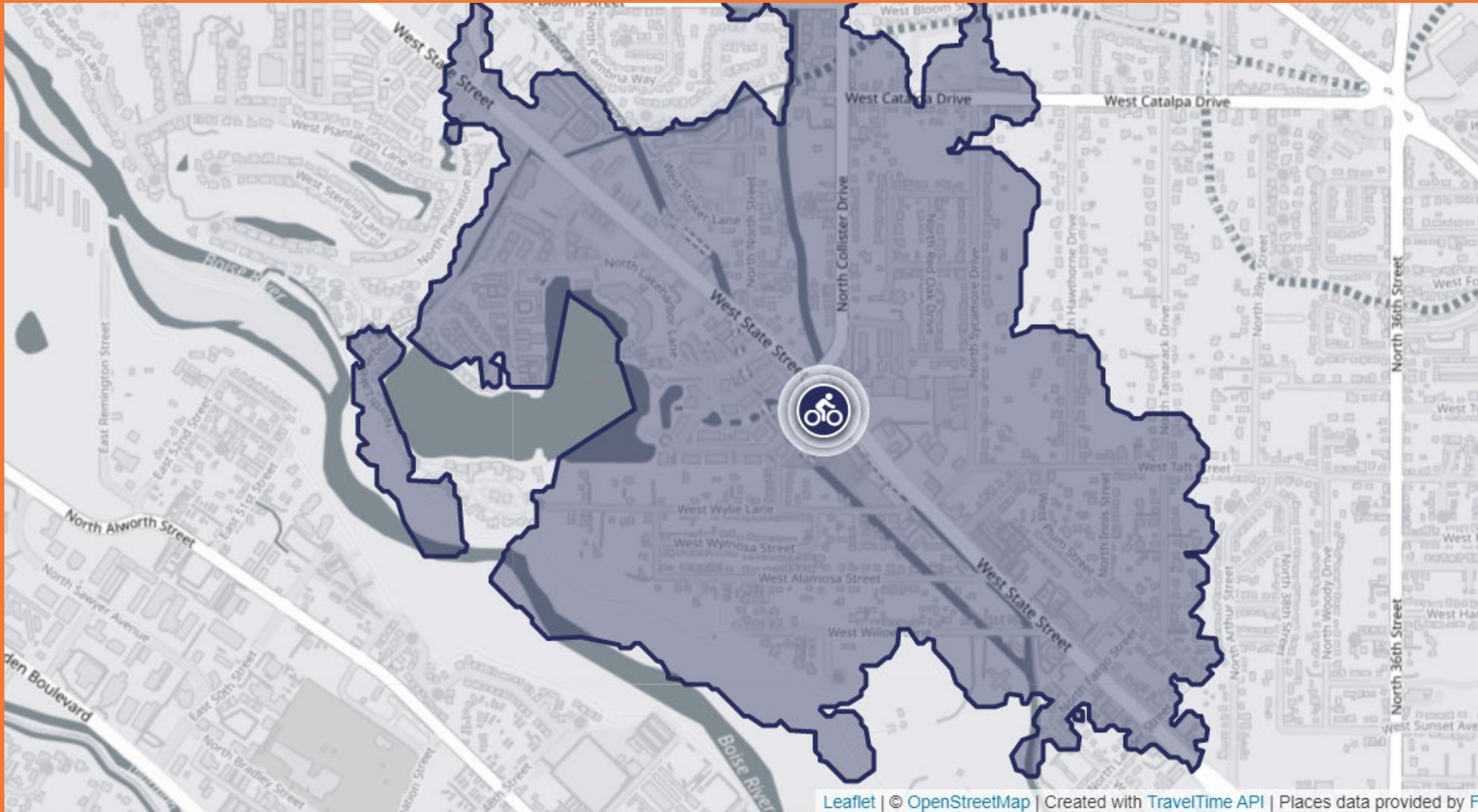




# FIVE MINUTE WALK



# FIVE MINUTE BIKE RIDE



**The more we invest up-front, the  
better it is for us**

**300 BIKE SYSTEM**

# **Scenario one – Drop provides bikes VRT covers operations**

**300 BIKES = \$450,000**

**VRT covers operations - \$370,000**

**VRT revenue share – 25%**

# **Scenario two – VRT buys bikes**

## **VRT covers operations**

**300 BIKES = \$450,000**

**VRT covers operations - \$370,000**

**VRT revenue share – 75%**



# Bike Share Pilot Program

- **50 BIKES - \$50,000**
- **75 BIKES - \$100,000**
- **100 BIKES - \$150,000**
- **JULY 1 – OCTOBER 31, 2022**

# Ready to roll

## The system today:

- Primarily downtown Boise
- 110 regular and flex hubs
- Will retain station hubs
- Expand beyond downtown

# Thank you

## **Dave Fotsch**

Director, Programs & Bike Share

[dfotsch@valleyregionaltransit.org](mailto:dfotsch@valleyregionaltransit.org)

208-331-9266





# AGENDA

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Chair Zuckerman

## II. Action Item: Agenda Changes/Additions

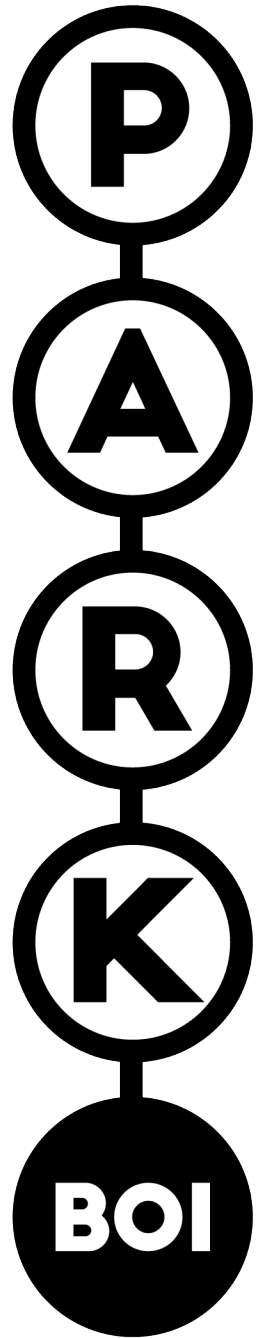
Chair Zuckerman

## III. Work Session

- A. Boise Bikeshare Reboot (15 minutes).....Dave Fotsch, Valley Regional Transit
- B. Electric Vehicle Charging Update (10 minutes).....Aaron Nelson

# EV Vehicles Driving Into the Future

**Aaron Nelson**  
**Parking & Facilities Manager**



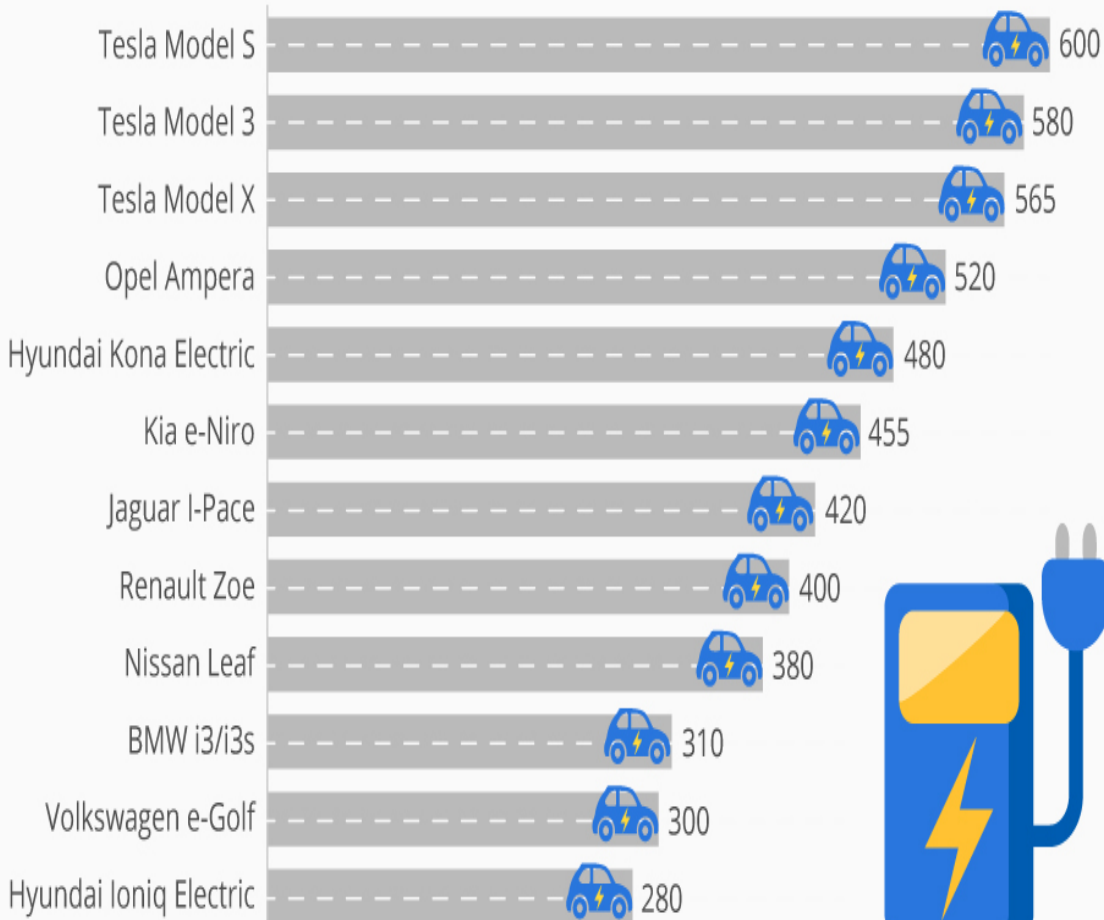


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# EV Vehicles on the Road

## The Electric Cars That Will Get You the Furthest

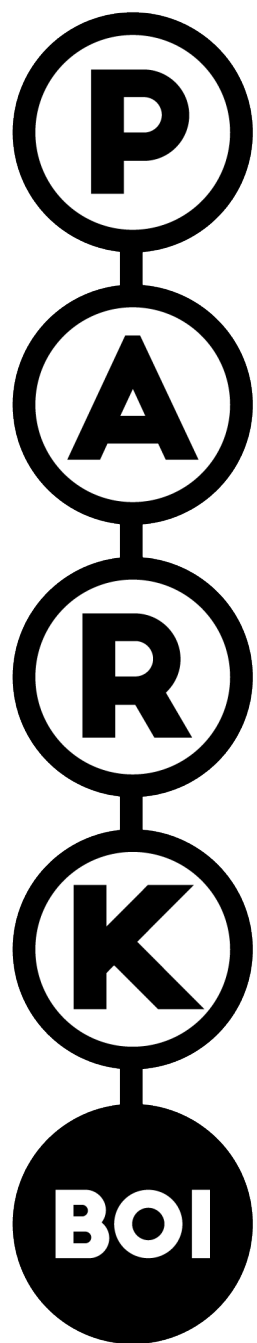
Electric cars ranked by range in 2019 (in km)



@StatistaCharts Source: Utopia

statista





## EV Charging Overview

blink

### EV CHARGING Plug Types

#### LEVEL 1 120 Volt

- Ideal for overnight slow charging
- Ideal for short commutes
- Plug into a standard wall outlet



Standard Wall Plug

**2-5 MILES**  
PER HOUR OF CHARGE  
WITH LEVEL 1

#### LEVEL 2 240 Volt

- Ideal for workplace and destination charging
- Provides a full charge for most EVs in:



100% Electric  
**4-8 hours**  
to full charge



Hybrid  
**1-2 hours**  
to full charge

- Average install cost: \$5,000-\$10,000
- 2 connectors depending on the vehicle



J1772



Tesla

**40-65 MILES**  
PER HOUR OF CHARGE  
WITH LEVEL 2

#### DC FAST CHARGE 480 Volt

- Ideal for highway roadside charging
- Faster charging direct to the battery
- Average install cost: \$50,000-\$100,000
- 3 connectors depending on vehicle



CCS Combo



CHAdeMO



Tesla Supercharger

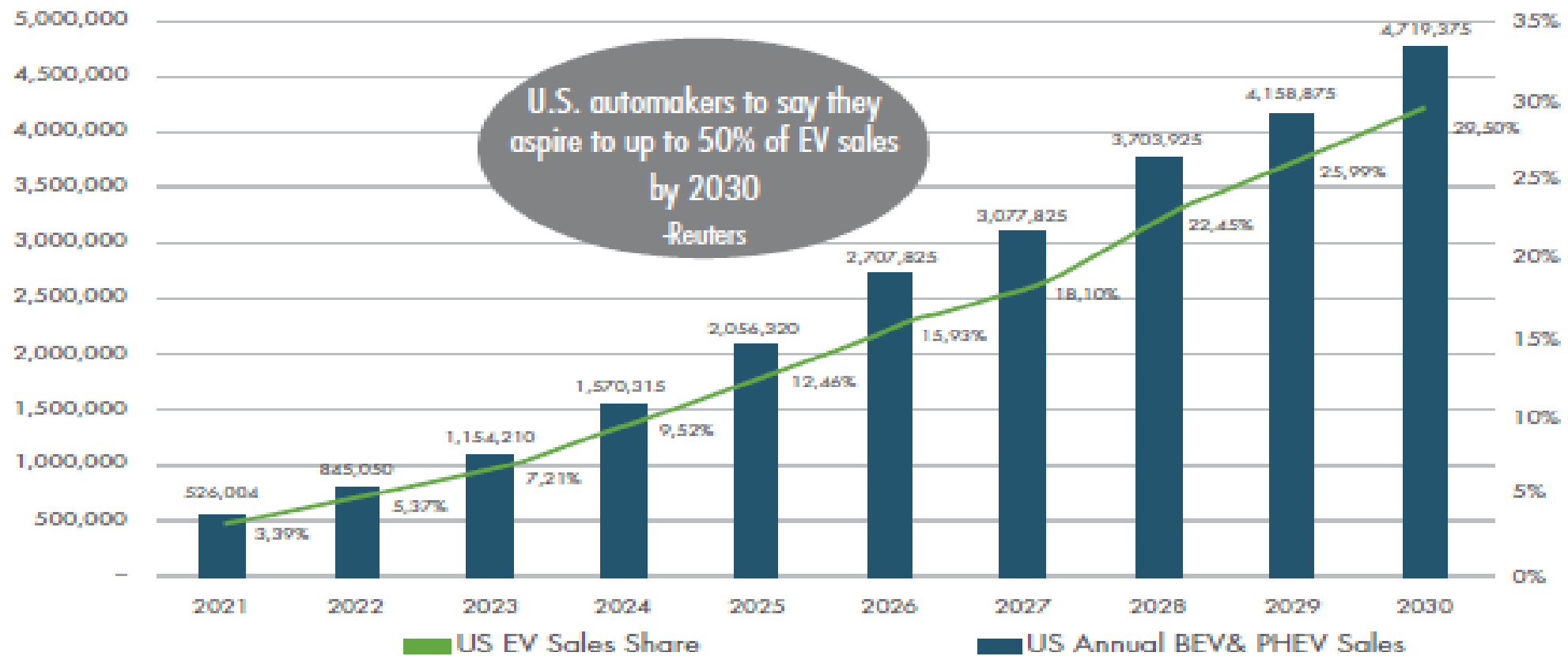
**80% CHARGE**  
IN 30-40 MINUTES  
WITH DC FAST

## THE DEMAND FOR ELECTRIC VEHICLES

### US Electric Vehicles Sales Forecast: 2021-2030

#### Automakers Are All-In

- OEMs have committed to invest more than \$300 Billion in EV research & development and manufacturing



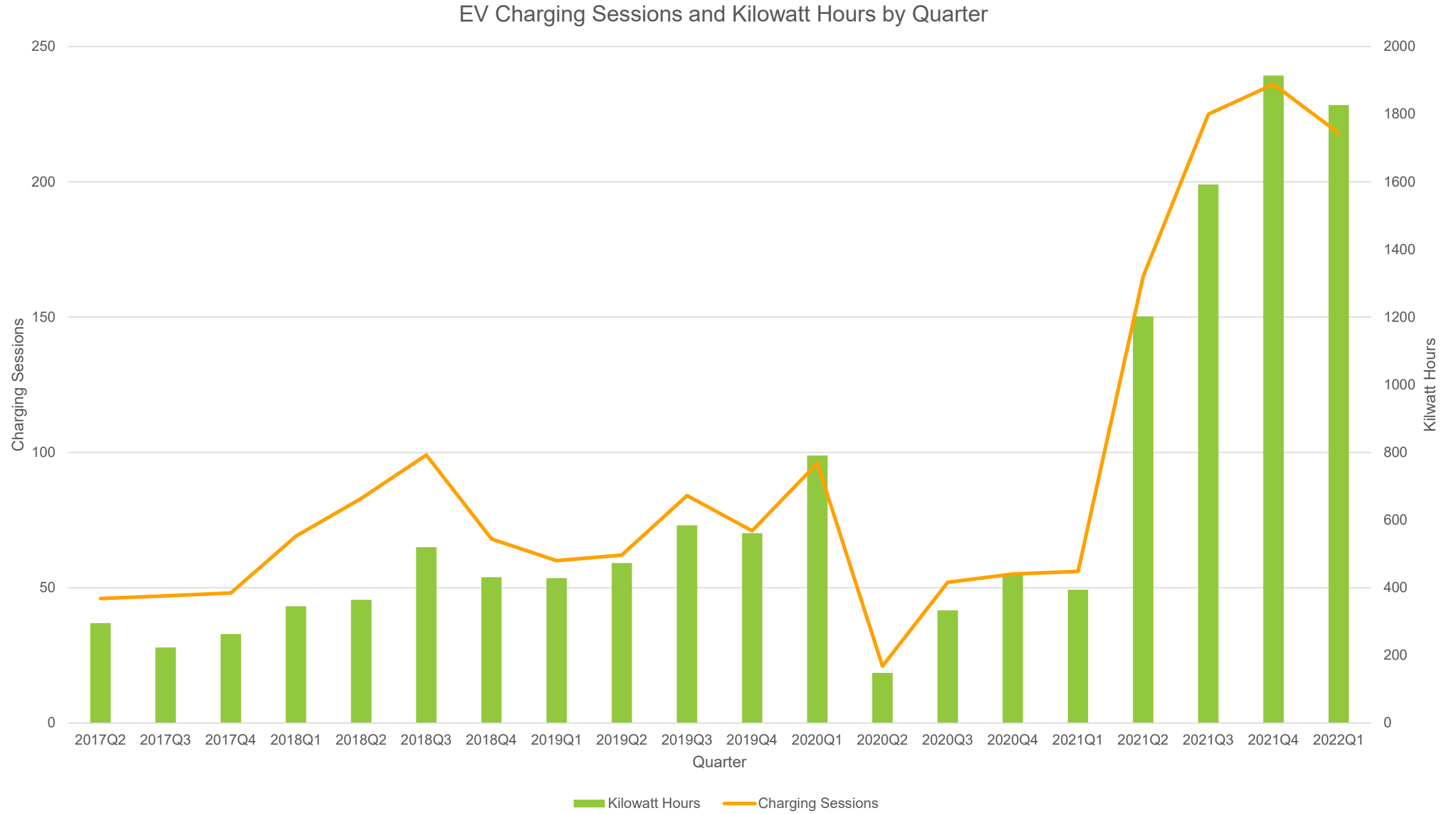
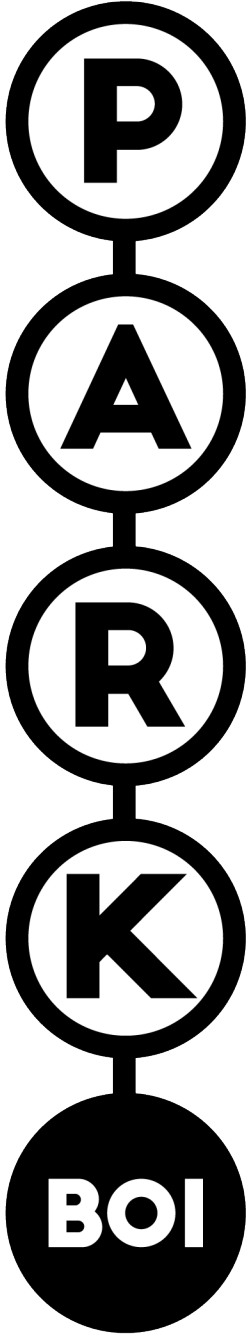
Forecast: Loren McDonald/EVAdoption.com

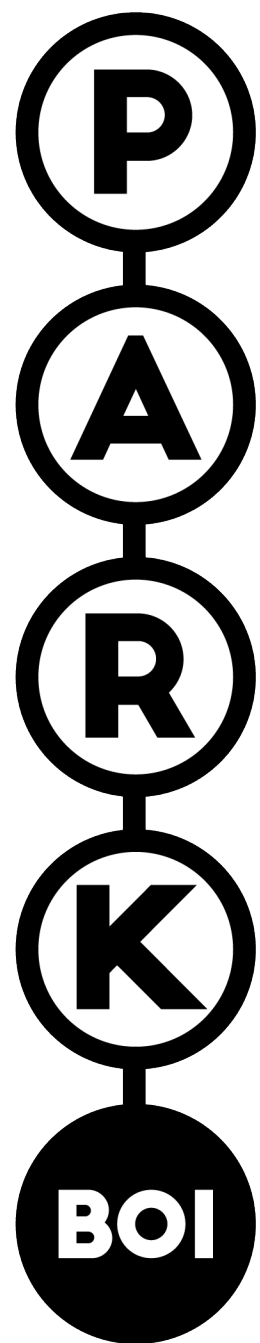


## Current EV Stations

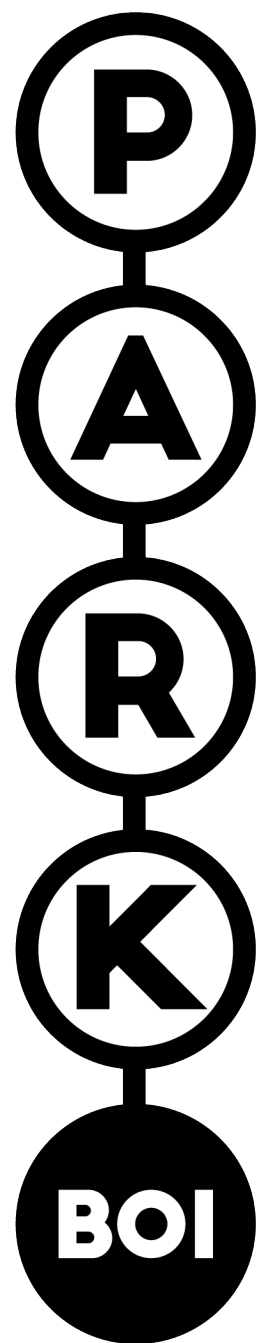
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*Comments or Questions?*

# AGENDA

## **IV. Action Item: Consent Agenda**

### **A. Expenses**

1. Approval of Paid Invoice Report – March 2022

### **B. Minutes & Reports**

1. Approval of March 14, 2022 Meeting Minutes

### **C. Other**

1. Approve Resolution 1757 – 1655 W Fairview Ave – Offices at Fairview and Main – T1 Participation
2. Approve Resolution 1758 – Authorizing Co-Sponsorship Letter for VRT State Street RAISE Grant Application

# CONSENT AGENDA

Motion to Approve Consent Agenda

# AGENDA

## V. Action Items

- A. **CONSIDER:** 3205 W Moore St - Whitewater Townhomes - T1 Participation Designation (5 minutes).....Alexandra Monjar
- B. **CONSIDER:** 210 W Main St - U.S. Assay Office Pathway and Landscaping - T1 Participation Designation (5 minutes).....Kevin Holmes

## VI. Adjourn

# CONSIDER: 3205 W Moore St – Whitewater Townhomes

## Type 1 Participation Designation

Alexandra Monjar  
Project Manager – Property Development



# Project Location





# Project Location

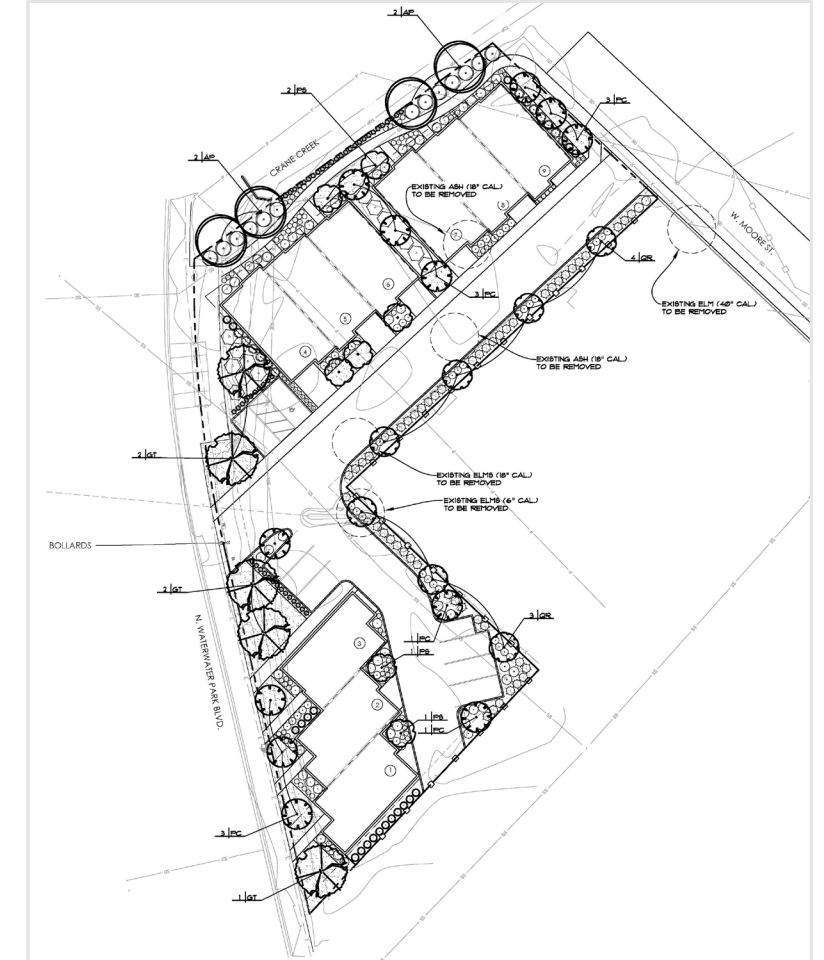




# Project Information

## Summary

- 3205 W Moore St.
- 0.74 acres
- Nine 2,100 sq. ft., for-sale townhomes
- Moore St. extension
- Sidewalk connecting pedestrians to Whitewater Park Blvd.
- \$4.5-5M Total Development Costs



June '21

- Subdivision Approved

Oct. '21

- Application submitted to CCDC

Nov. '21

- Site work began

Today

- Type 1 Designation

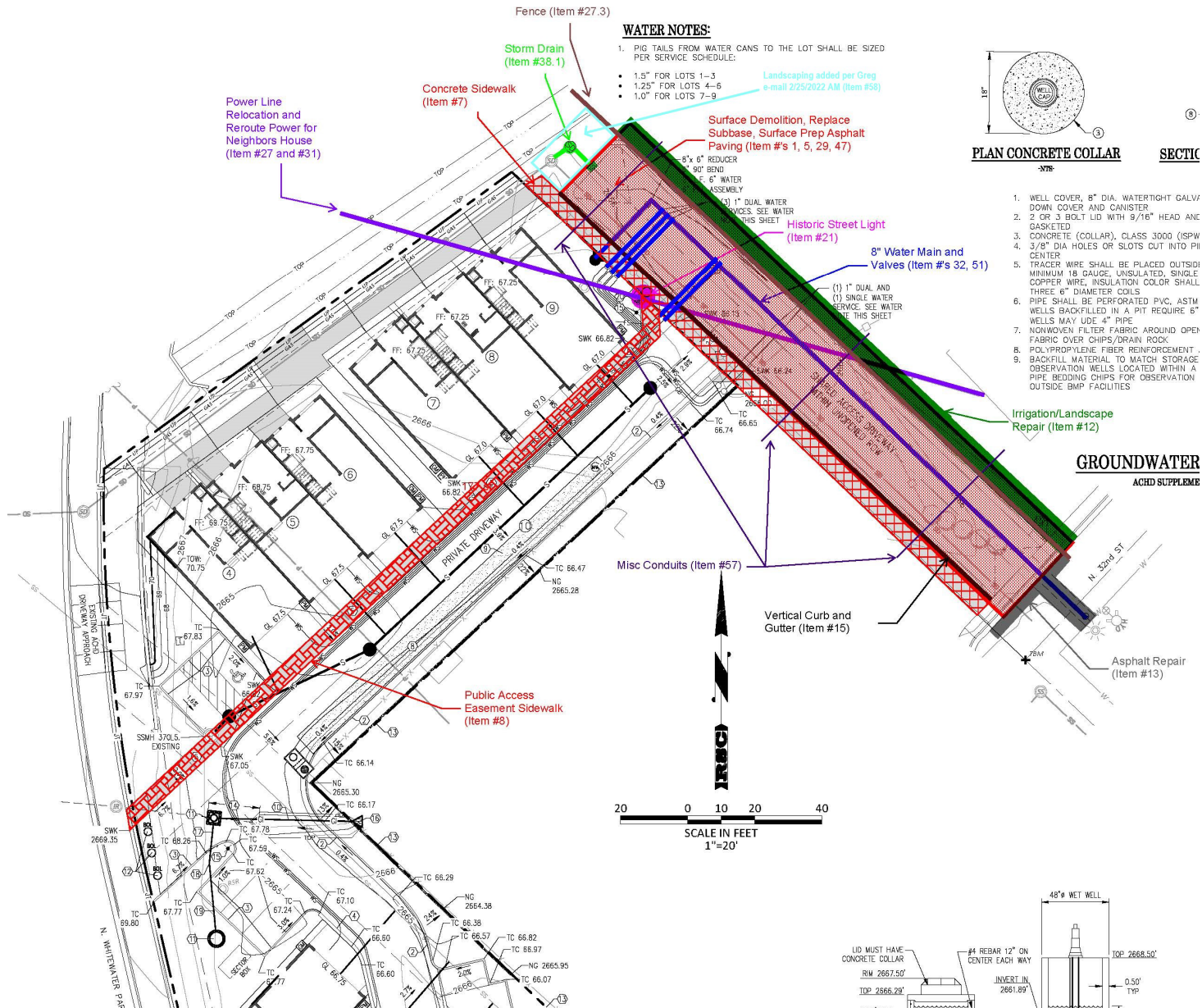
May/June '22

- Type 1 Agreement Approval

Winter '22/23

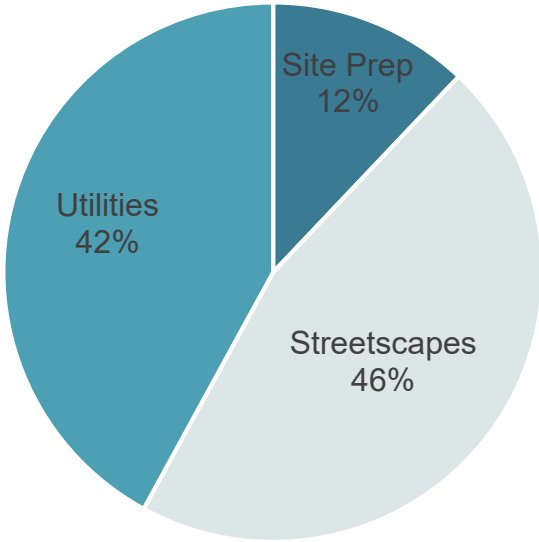
- Construction complete
- CCDC issues reimbursement

# Eligible Expenses



Estimate		
ROW Prep	\$	25,000
Streetscapes	\$	95,000
Utilities	\$	87,000
Total		\$ 207,000

Reimbursement not to exceed \$200,000





# 30<sup>th</sup> Street District and Area Master Plan



ITD Subdistrict Preferred Development Concept



30<sup>th</sup> St/Park View Subdistrict Preferred Development Concept

# CONSIDER: 3205 W Moore St – Whitewater Townhomes Type 1 Participation Designation

## Suggested Motion:

I move to direct staff to negotiate a final Type 1 Participation Agreement with ESP  
Property Investments for future Board approval.

# AGENDA

## V. Action Items

- A. **CONSIDER:** 3205 W Moore St - Whitewater Townhomes - T1 Participation Designation (5 minutes).....Alexandra Monjar
- B. **CONSIDER:** 210 W Main St - U.S. Assay Office Pathway and Landscaping - T1 Participation Designation (5 minutes).....Kevin Holmes

## VI. Adjourn



# 210 W Main Street U.S. Assay Office Pathway and Landscaping Type 1 Participation Program Designation



Kevin Holmes  
Project Manager – Property Development

Rendering: The Land Group

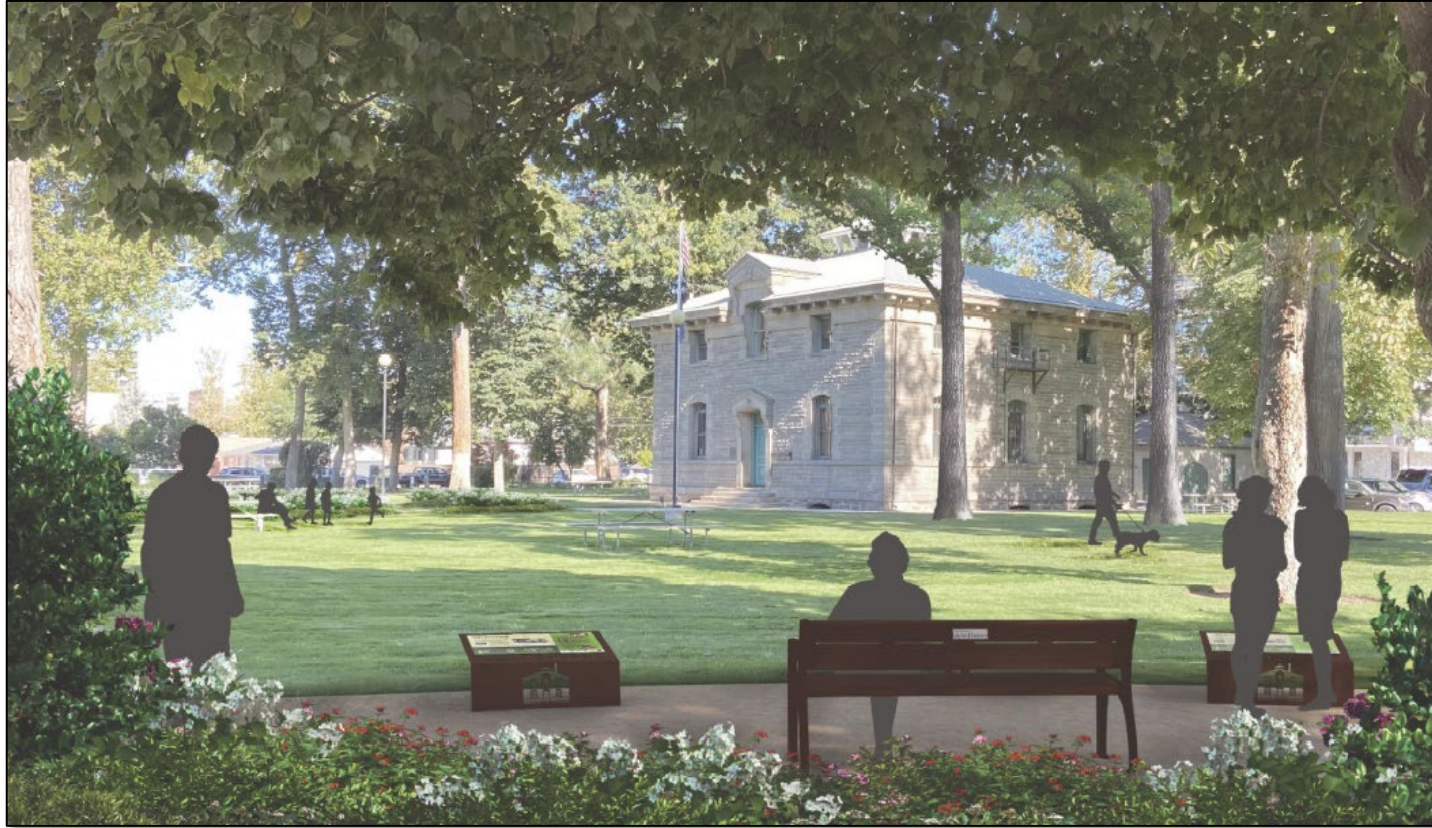


# Project Location





# Project Summary and Timeline



## Project Summary:

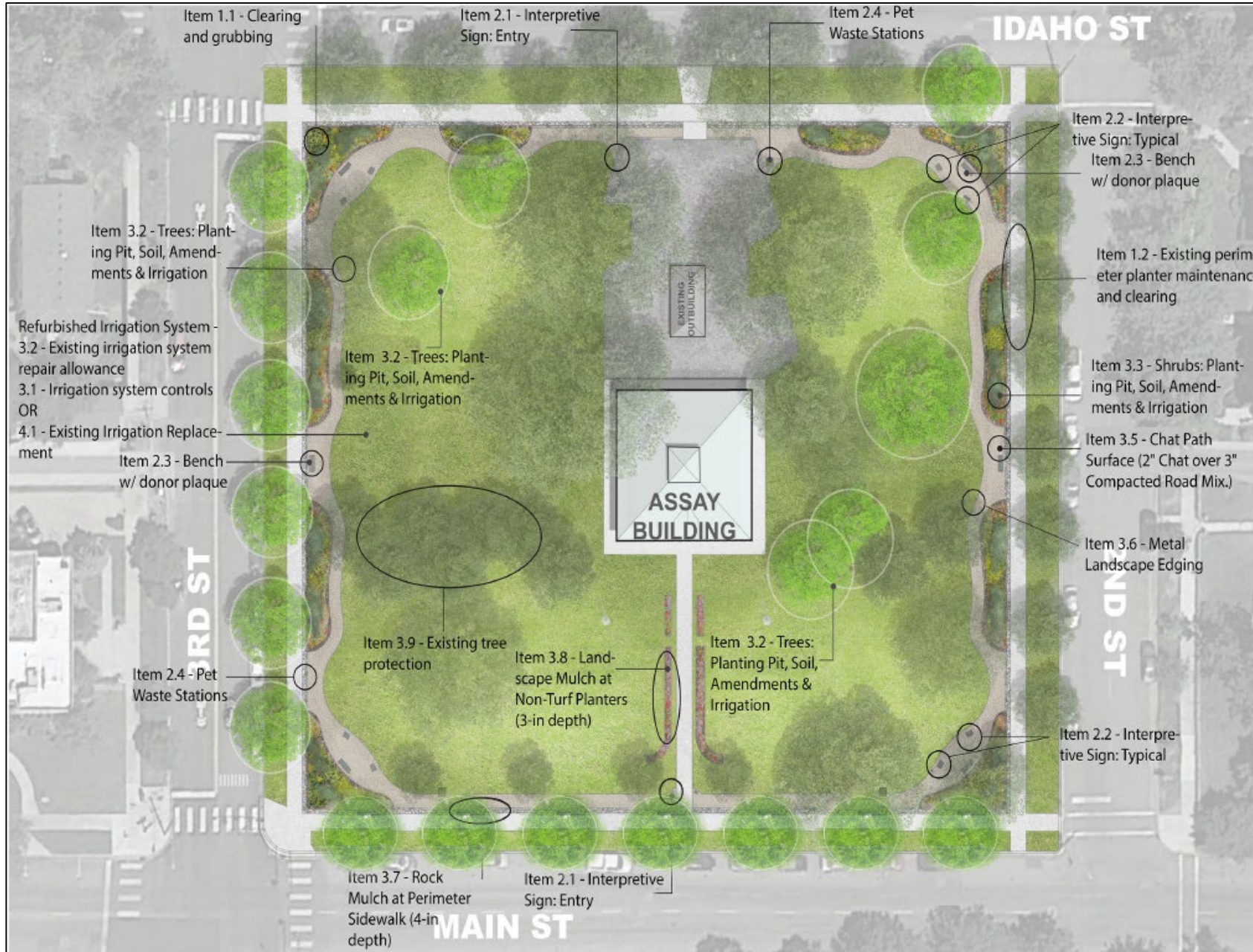
- Pathway, interpretive elements, and landscaping improvements to public open space and streetscapes
- \$230,250 Total Development Costs
- \$115,125 Estimated Eligible Reimbursement

## Timeline:

- Feb 2022 – Design Review Approval
- TODAY – Type 1 Designation
- May 2022 – Type 1 Agreement Approval
- Summer/Fall 2022 – Project complete & CCDC reimburses Actual Eligible Expenses

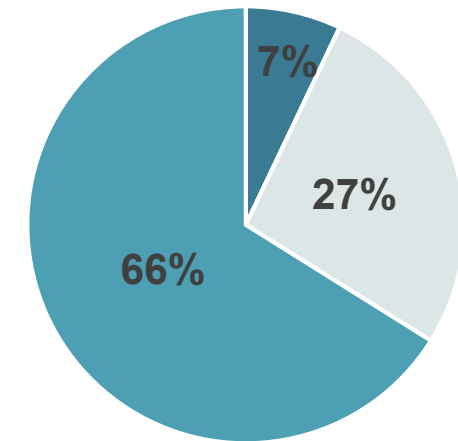


# Estimated Eligible Expenses



## Site Plan: The Land Group

<b>Total Public Improvements</b>	<b>\$ 196,385</b>
Site Prep	\$ 13,875
Site Furnishings	\$ 52,700
Landscaping & Irrigation	\$ 129,810



■ Site Prep ■ Site Furnishings ■ Landscaping



**CONSIDER:** 210 W Main Street  
U.S. Assay Office Pathway and Landscaping  
Type 1 Participation Program Designation

Suggested Motion:

I move to direct staff to negotiate a final Type 1 Participation Agreement with the Foundation for Idaho History for future Board approval.

# AGENDA

## V. Action Items

- A. **CONSIDER:** 3205 W Moore St - Whitewater Townhomes - T1 Participation Designation (5 minutes).....Alexandra Monjar
- B. **CONSIDER:** 210 W Main St - U.S. Assay Office Pathway and Landscaping - T1 Participation Designation (5 minutes).....Kevin Holmes

## VI. Adjourn

# Adjourn