



***Electric Vehicle Charging Stations  
at the Municipal Service Center,  
Eagle Pointe Recreation Center, &  
the Civic Center  
2023-19-PW***

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Public Works Capital Improvement & Preservation Plan Project  
*August 7<sup>th</sup>, 2023 Council Meeting*

# Overview

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- Purpose and Need
- Project Site Maps
- XCEL Energy's Electric Vehicle Supply Infrastructure Program
- Responsible Bid / Total Project Cost
- Funding
- Next Steps

# Purpose and Need

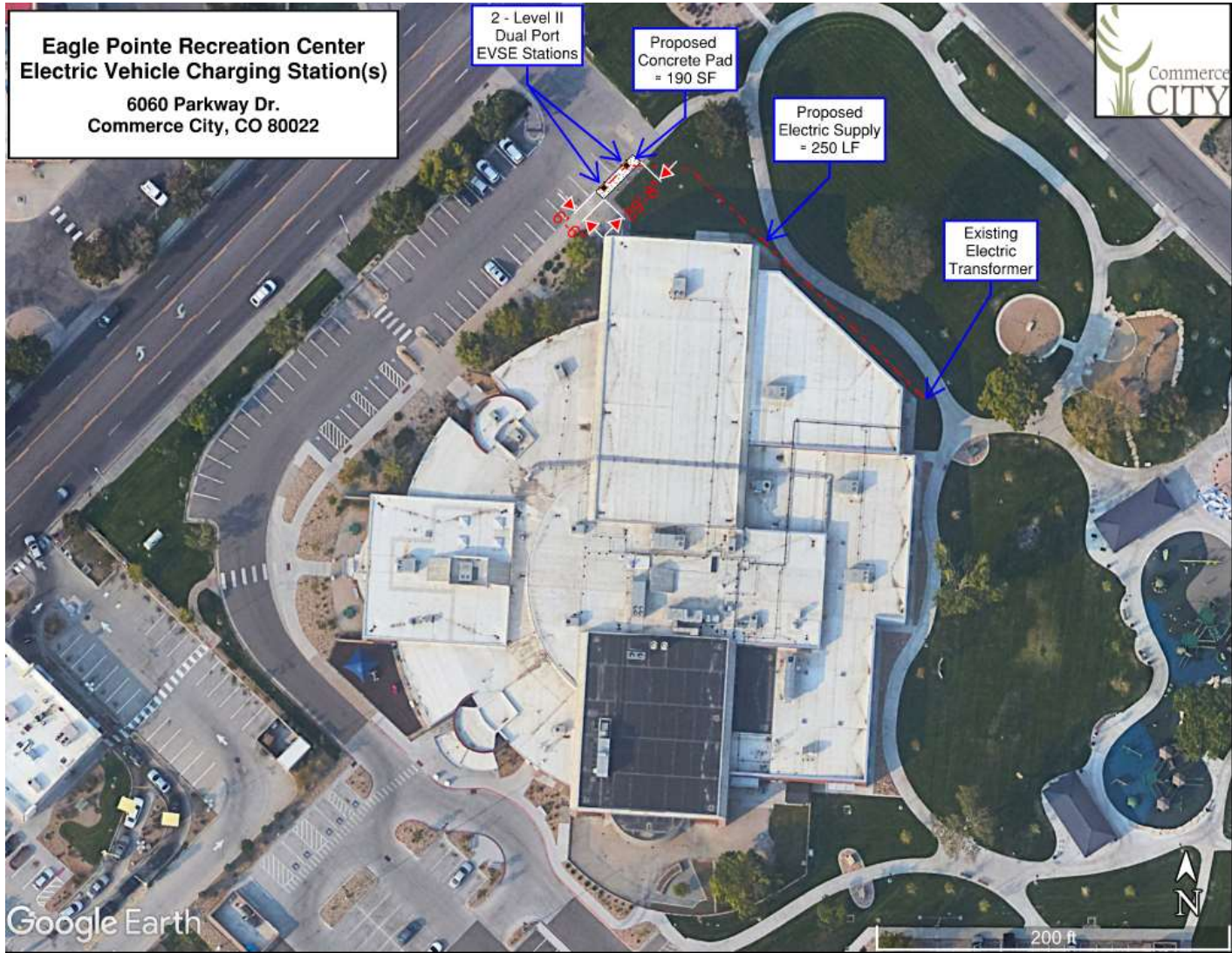
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- City was awarded the Electric Vehicle Supply Equipment (EVSE) Grant from Colorado Energy Office in 2022
  - Grant amount of \$9,000 towards installation of one (1) Level II Dual Port EVSE at the Municipal Service Center
  
- ChargePoint Level II Electric Vehicle Chargers will be installed at three City facilities for public and employee access to incorporate handicap accessible design standards
  - Municipal Service Center, One (1) Dual Port Station
  - Eagle Pointe Recreation Center, Two (2) Dual Port Stations
  - Civic Center, Two (2) Dual Port Stations
  
- Commerce City Sustainability Action Plan has a goal for 30% of the vehicles on City roadways to be EV's by 2030 and 75% EV's by 2050. This project will help support these goals.

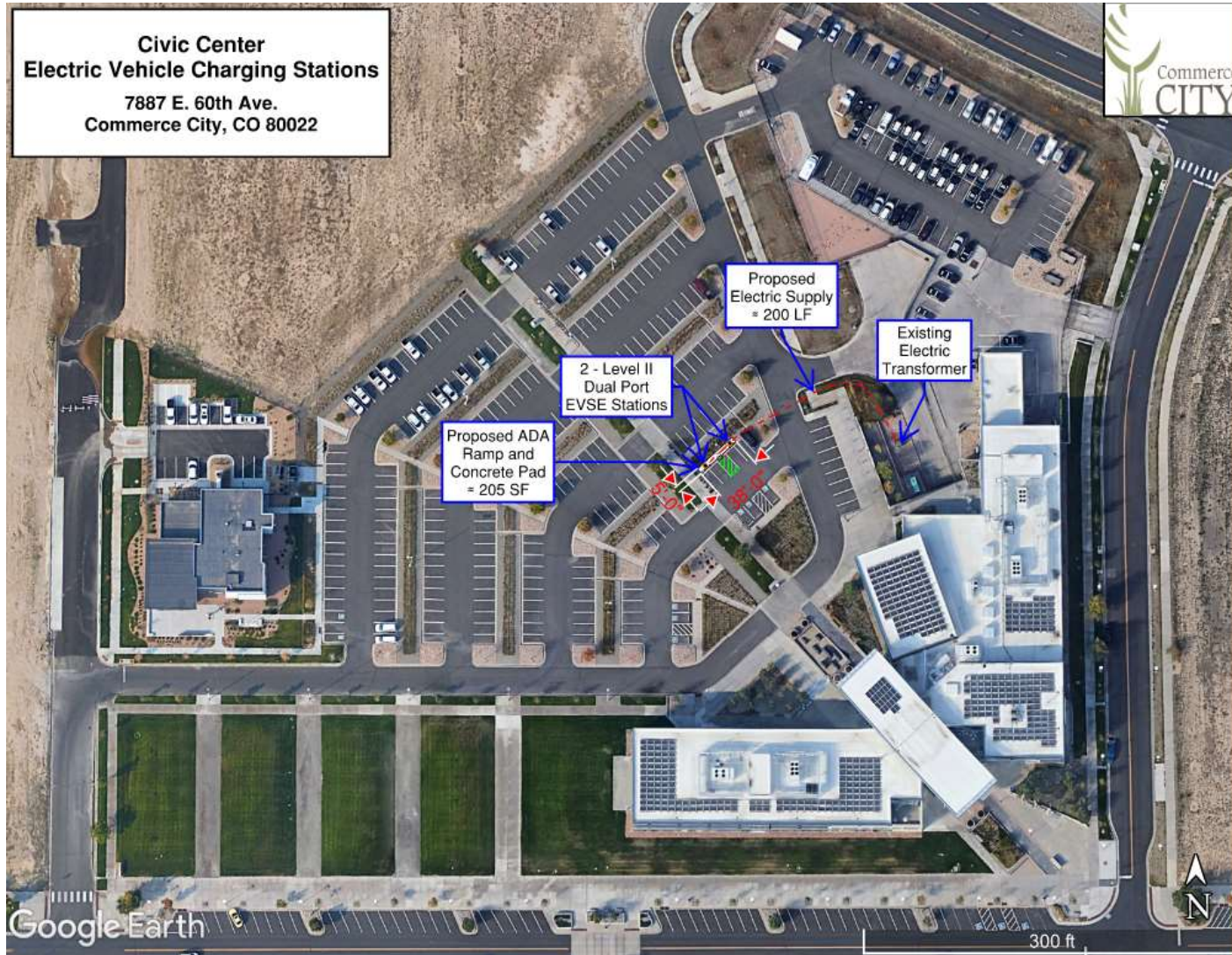
# Municipal Service Center EV Project Site Map



# Eagle Pointe Recreation Center EV Project Site Map

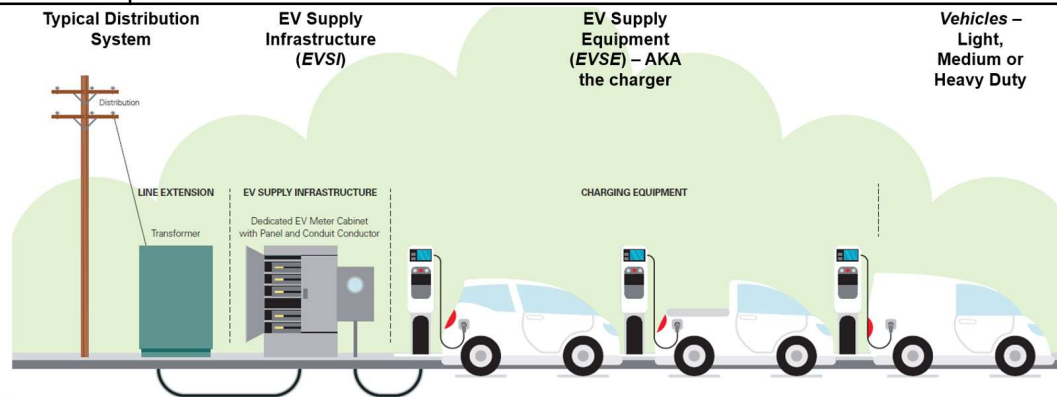


# Civic Center EV Project Site Map



# XCEL Energy's Electric Vehicle Supply Infrastructure (EVSI) Program

<b>How it Works</b>	<ol style="list-style-type: none"> <li>1) Xcel Energy will provide no to low-cost, turn key construction services for EV supply infrastructure.</li> <li>2) This includes working with us City on the design and build out.</li> </ol>
<b>Participant Benefits</b>	<ol style="list-style-type: none"> <li>1) An Xcel Energy advisor will guide you through the process of accessing your charging needs and planning execution.</li> <li>2) Make-ready infrastructure takes the guess work out of finding electrical capacity for chargers.</li> </ol>
<b>Financial Benefits</b>	<ol style="list-style-type: none"> <li>1) Selected participants will receive Xcel Energy-owned EVSI installation and maintenance at no cost.</li> <li>2) Charging for less with their low-cost, off-peak pricing.</li> </ol>
<b>Cost to Participate</b>	<ol style="list-style-type: none"> <li>1) If CCC project is selected, the EV infrastructure is provided at no cost.</li> <li>2) Costs may be incurred if a line extension is required and any additional costs will be discussed during the advisory process.</li> </ol>



# Total Anticipated Project Cost

<i>Electric Vehicle Charging Stations</i>	
Municipal Service Center	\$72,205.00
Eagle Pointe Recreation Center	\$114,540.00
Civic Center	\$95,210.00
<b>Responsible Bidder Sub-Total</b>	<b>\$283,955.00</b>
EVSE Grant Reimbursement	\$9,000.00
<b>Project Total</b>	<b>\$274,955.00</b>

- ❖ Depending on current electrical demand and loading at each site, Xcel Energy may require electrical service and/or transformer infrastructure upgrades to accommodate proposed EV chargers which is not included in the total amount above. Public Works will continue to work with Xcel to determine what upgrades are necessary and if City can participate in their EVSI Program. If upgrades are required, and the City participates in EVSI Program, the operation of charging stations will be delayed 9-12 months. The cost of upgrades is estimated to be \$400,000 if the City doesn't participate in EVSI Program



Commerce  
CITY



# Funding

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## Available Funding Sources

City Manager's Office Contingency Fund

010-15-409-731-000 → \$297,000.00



# Next Steps

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- 1) Negotiate final contract with High Plains Energy, Inc. dba Pinnacle Electric & Construction Corp.
- 2) Notice to Proceed will be issued
- 3) Work anticipated to begin in September
- 4) Once EV Stations have been procured, total project timeframe will be less than 75 days



*Questions?*

