



Pleasanton Unified School District

*Proposition 39 Project - Phase 2
Solar Array & Parking Lot Reconfiguration
at Amador Valley High School*

Board of Trustee Meeting

Tuesday, June 11, 2019

Item 12.8

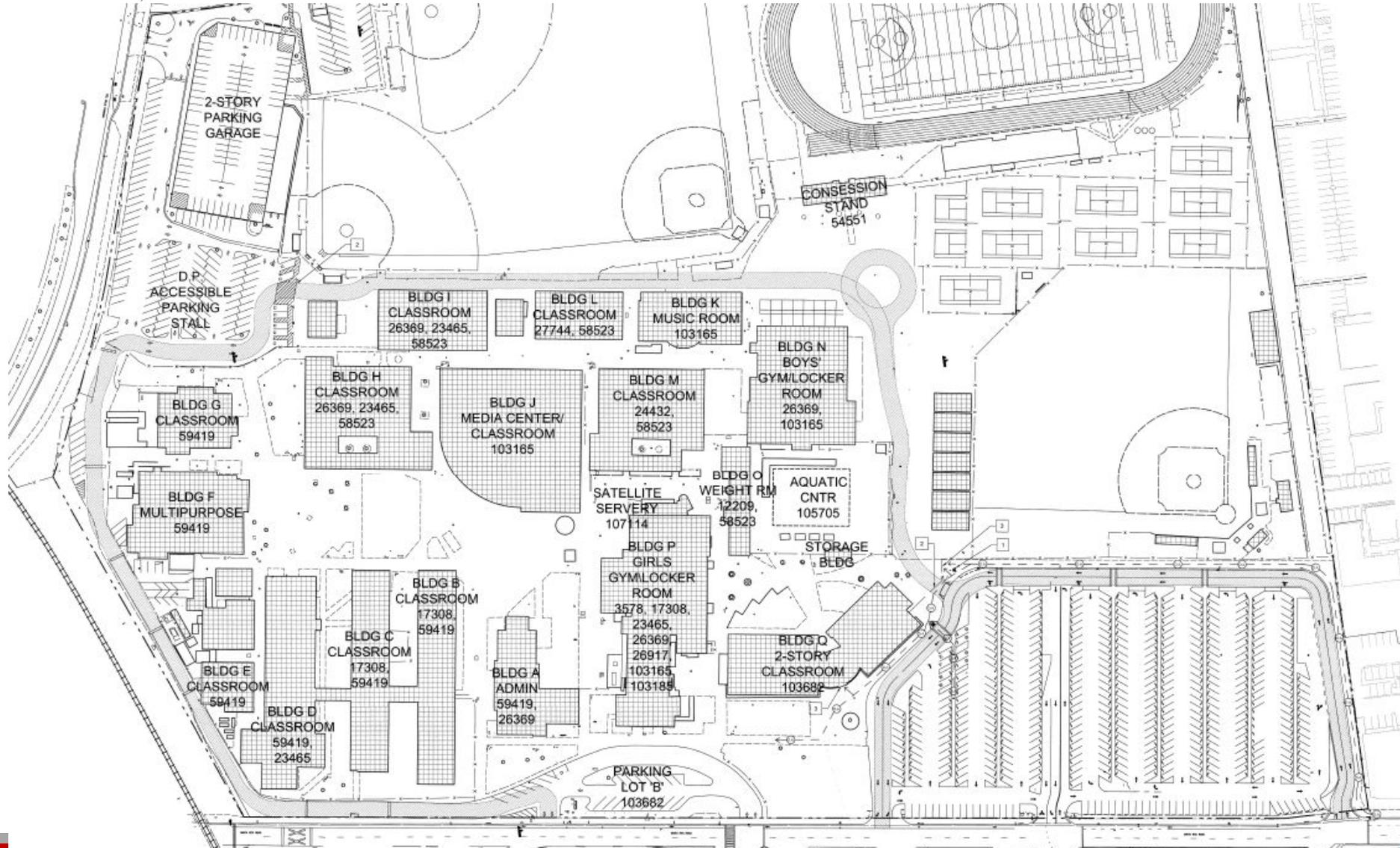


Process & Timeline

- **May 2015** - The Board approved TerraVerde Energy, LLC to develop the District's Proposition 39 Energy Expenditure Plan (EEP).
- **February 2017** – The EEP was approved by the California Energy Commission (CEC) for funding in the amount of approximately \$1.88M for pc power management, VFD pool pumps, exterior lighting, gym/MPR lighting, stadium lighting, and some HVAC replacement at all District sites.
- **December 2017** – District Staff worked closely with TerraVerde's team to determine the preferred locations for the solar photovoltaic and energy storage project. TerraVerde assisted with the submission of an Interconnection Application to PG&E, securing the District's eligibility for TOU peak period definition grandfathering
- **February 2018** – An EEP Amendment was submitted to the CEC requesting an additional \$1.58mm in funds toward two additional projects: the replacement of HVAC units at Pleasanton MS; and a \$650,000 PPA Buy-Down for a solar project at AVHS.
- **May 2018** – CEC approved the Amended EEP
- **June 2018** - The Board approved the solicitation of proposals for solar installation that meet the minimum projected cost savings.
- **February 2019** - The Board approved a Power Purchase Agreement (PPA) with REC Solar.
- **May 2019** - Staff gave a project update at the PUSD Board Meeting.



Parking Lot Reconfiguration





Amador Valley High School Solar Array & Battery Project



BOARD OF TRUSTEES

VALERIE ARKIN
STEVE MAHER
JAMIE YEE
JOAN LAURSEN
MARK MILLER

SUPERINTENDENT
DR. DAVID HAGLUND, Ed.D.

PROJECT HIGHLIGHTS

- 1,009 KW DC OF SOLAR CAPACITY
- 660 KWH OF ENERGY STORAGE CAPACITY
- CARPORT CANOPIES FOR SHADED PARKING
- ADDITIONAL SAFETY IN STUDENT PARKING LOT
- EDUCATIONAL OPPORTUNITIES IN RENEWABLE ENERGIES

OVER THE SYSTEM'S 25-YEAR LIFETIME,
IT WILL PRODUCE ENOUGH ENERGY TO OFFSET:



GHG EMISSIONS FROM
5,814 PASSENGER VEHICLES



CO₂ EMISSIONS FROM
4,776 HOMES' ELECTRICITY

<https://www.epa.gov/energy/greenhouse-gas-equivalencies-calculator>



TerraVerde
ENERGY

DUKE ENERGY
RENEWABLES

REC SOLAR

FUNDING
SOURCE

DISTRICT
CONSULTANT

SOLAR ENERGY
PROVIDER

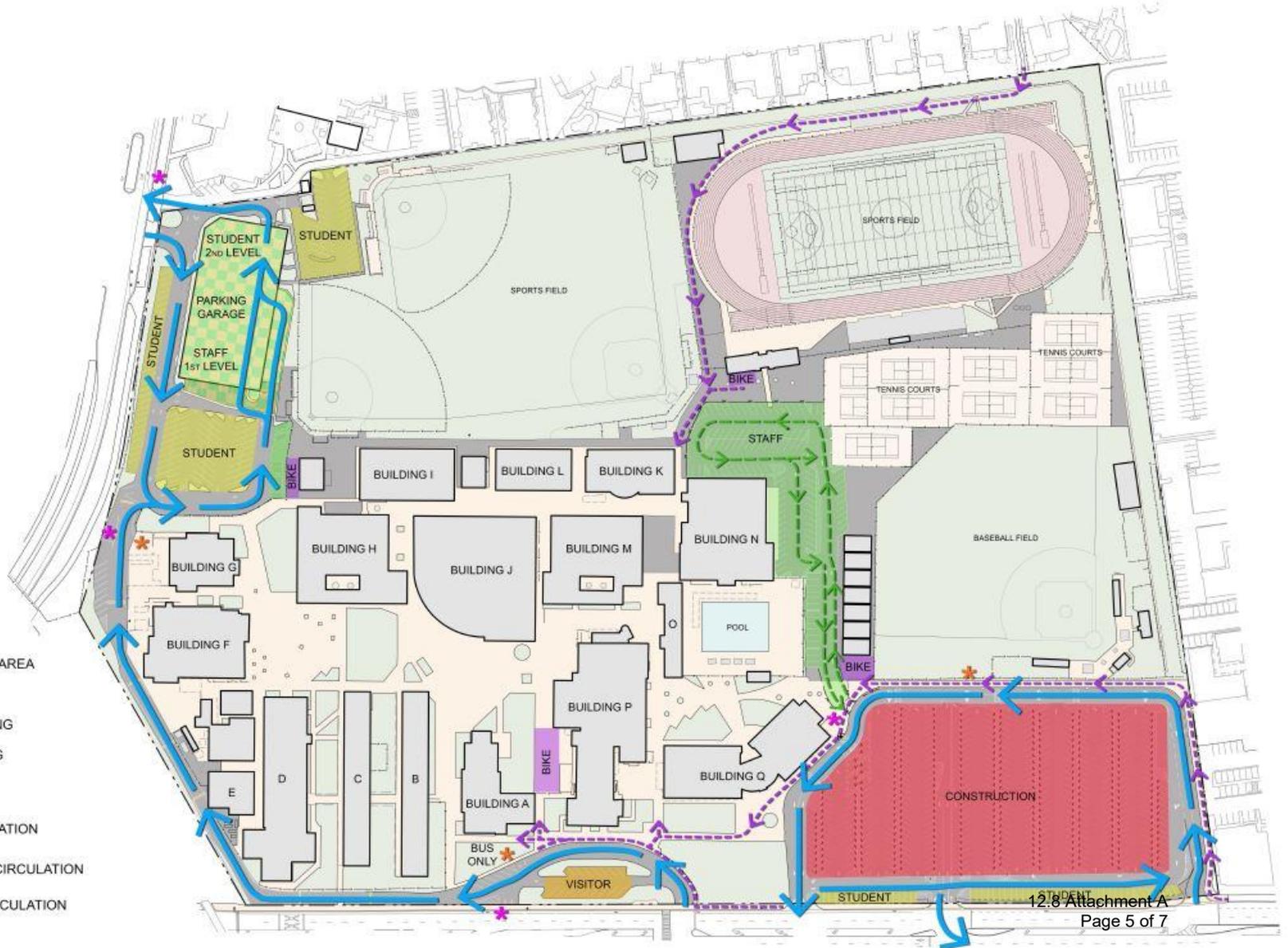
SOLAR DEVELOPER
& CONTRACTOR

RECSolar.com | 844.732.7652 | CA LIC: #990001





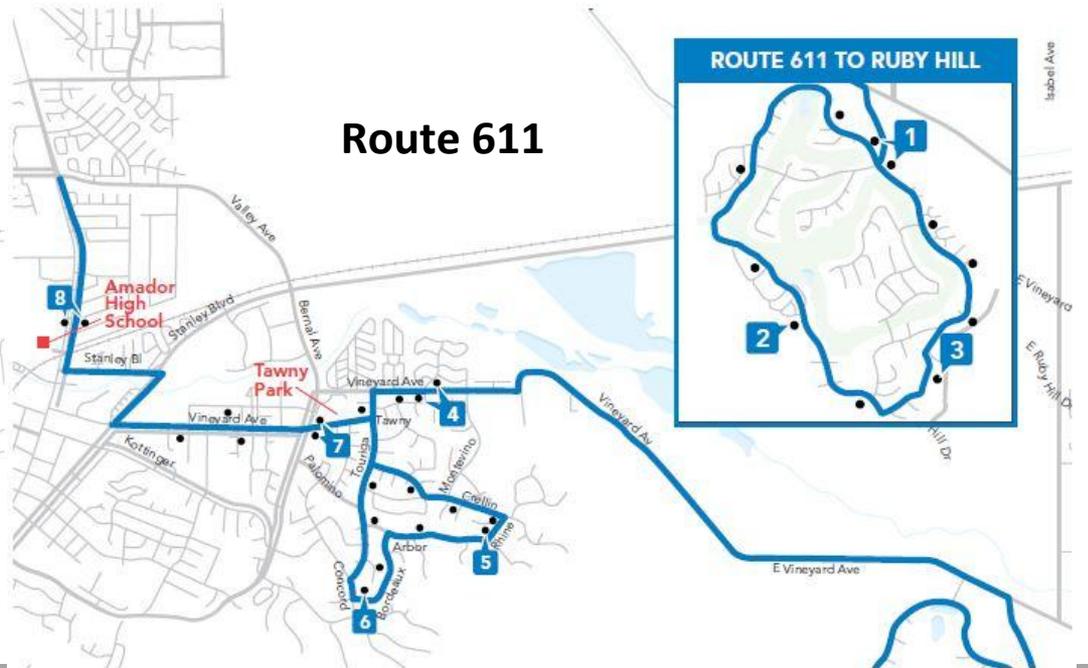
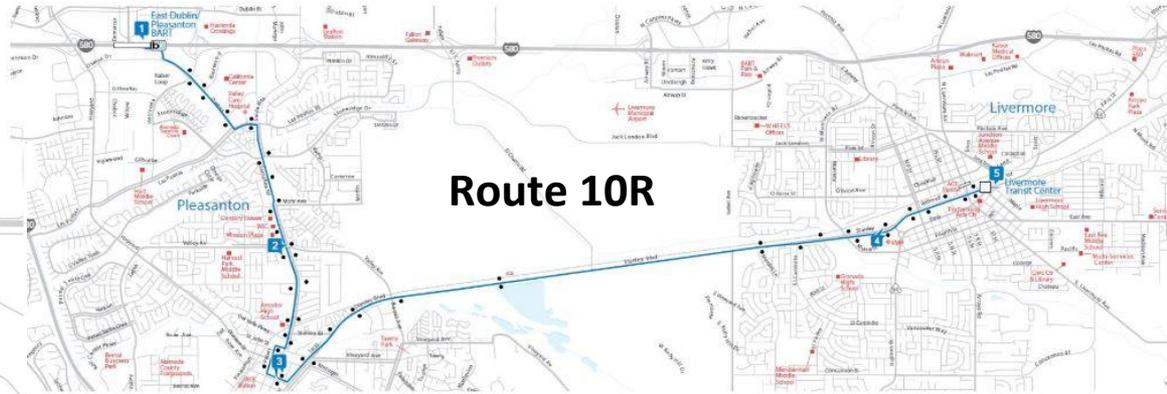
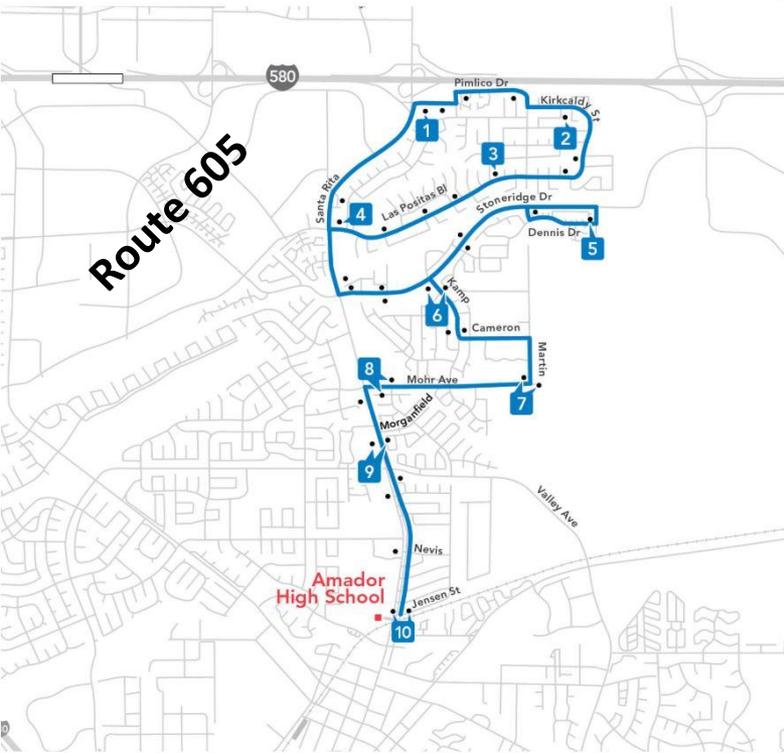
AVHS Circulation Map



- LEGEND**
- CONSTRUCTION AREA
 - STAFF PARKING
 - STUDENT PARKING
 - VISITOR PARKING
 - BIKE PARKING
 - VEHICLE CIRCULATION
 - STAFF VEHICLE CIRCULATION
 - PEDESTRIAN CIRCULATION
 - DROPOFF AREA
 - FLAGGER



Wheels Bus Routes





Anticipated Project Schedule

- California Geological Survey (CGS) approval received: May 27, 2019
- DSA approval expected: May 31, 2019
- Construction Start expected: June 3, 2019
- PG&E Utility Interconnection Application Approval expected: June 2019
- Open Drop-off Loop and 50 parking stalls: August 12, 2019
- Open 90% of parking lot: October 15, 2019
- 100% Occupancy: December 31, 2019