# Valley Rail

**Providing Central Valley communities** with sustainable and reliable transportation choices to expand opportunity









# **Project Highlights**



16 New Stations



7 New Daily Round Trips



Serves over 30% of the disadvantaged communities in California



**GHG Reduction of 5.6 Million Metric** Tons of CO<sub>2</sub> by 2027



Improve Public Health and Reduce Fatalities/Injuries



**New trainsets for ACE and San Joaquins** 

#### **TIRCP request improving Central Valley mobility**

The San Joaquin Regional Rail Commission (SJRRC) and San Joaquin Joint Powers Authority (SJJPA) has submitted a joint application to the California State Transportation Agency (CalSTA) for SB 1 and Cap & Trade funding from the 2018 Transit and Intercity Rail Capital Program (TIRCP) for the "Valley Rail" project.



# Why is Valley Rail important to California?

Valley Rail improves geographic equity by connecting key locations in the Central Valley including Sacramento, San Joaquin, Stanislaus, Merced, Madera, and Fresno Counties to each other and beyond to the Bay Area and the greater California rail network via three future high-speed rail (HSR) connections in Madera, Merced, and San Jose. This transformative, megaregional project helps further the State's vision for an integrated rail network and provides direct mobility and air quality benefits to citizens in nine counties, including over 30% of the disadvantaged communities in California.

# What is Valley Rail?

Valley Rail is an extension of Altamont Corridor Express® (ACE) between Sacramento and Merced which builds upon ACE funding from Senate Bill (SB) 132 and implements two new daily round-trips for the Amtrak San Joaquins service to better connect San Joaquin Valley travelers with the Sacramento Area. In addition, Valley Rail will convert the entire fleet including the thruway bus network to renewable diesel fuel, providing greenhouse gas (GHG) benefits across the entire existing (449 track miles) and proposed expanded (119 track miles) ACE and San Joaquins services.

# **ACE Expansion Project**



## What are the benefits of Valley Rail?









## **Reduce GHG**





- GHG Emission Reductions of 5.2 MMT of CO<sub>2</sub> by 2025
- Additional 1.9 MMT of CO<sub>2</sub> saved by converting to renewable diesel fuel

## Increase Connectivity





- Planned ACE and San Joaquins services as part of a regional system, instead of as individual and separate transit offerings
- Introduces increased frequency, broader market reach, regularinterval service, and new connectivity, all of which set the stage for a more fully integrated network

## **Reduce VMT and Expand Ridership**





- ACE ridership expands to 3.1 million annual riders in 2025
- San Joaquins ridership expands to 1.8 million annual riders in
- Reduction of 88.4 million vehicle miles traveled by 2025

### Improve Public Health



**Converting to Tier** 4 locomotives will achieve particulate matter reductions of 90%, nitrogen oxide reductions of 80% as well as sizable reductions of VOCs (volatile organic compounds) and CO (carbon monoxide).

### **Benefits to Disadvantaged** and/or Low Income Communities



The project directly serves over 30% of California's Disadvantaged Communities and 15% of low-Income Communities.

### **Improve Safety**



**Approximately 4.8** billion auto VMT, 61 fatalities, and 817 injuries are estimated to be avoided over 30 vears once the service is operational.

# What is the timeline for **Valley Rail?**

Valley Rail is ready to advance. If the SJRRC/SJJPA joint TIRCP application is successful in receiving SB1 funding, construction is anticipated to start in 2019. The environmental process is underway and draft documents for public review will be available for the ACE Extension to Sacramento in Summer 2018 and for the ACE Extension to Ceres in Fall 2018.

## **TIRCP grant awards** announced (April 2018)



San Joaquins and ACE Extension to Sacramento (including stations) completed 2021 **ACE Extension to ACE Extension to Ceres completed** Merced completed 2018 2021 2023 2027

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