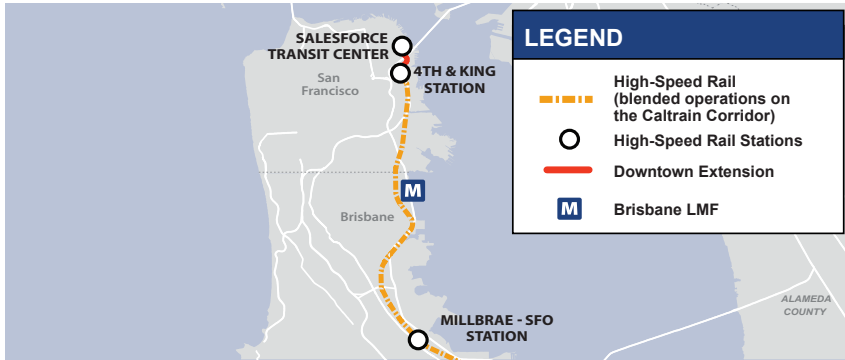


LIGHT MAINTENANCE FACILITY IN NORTHERN CALIFORNIA



Map identifying the location of the selected site along the rail alignment between San Francisco and Millbrae.



Conceptual rendering of selected LMF site.



Example of a modern rail maintenance facility: Stockton's LEED® Silver ACE train maintenance facility opened in 2015. (Photos: San Joaquin Regional Rail Commission)

The Northern California Light Maintenance Facility (LMF) is one of three train maintenance facilities that will support the overall California High-Speed Rail System. The other two are (1) a heavy maintenance facility in the Central Valley and (2) a light maintenance facility in the Los Angeles area. Staffing these LMFs over a 10-year period would create \$60 million in labor income, 800 job-years, and \$180 million in output.

The LMF will serve as a location where trains are cleaned, serviced, and stored. It will also be a service point for any trains in need of emergency repair services. Maintenance operations will include exterior and interior cleaning, wheel truing, testing, and inspections. The facility will supply trains and crew to the San Francisco terminal station at the start of the day. With three overlapping work shifts, activities would occur 24 hours a day. Most maintenance activities would take place overnight, between 10:00 pm and 6:00 am.

The California High-Speed Rail Authority (Authority) will implement sustainability practices for planning, siting, designing, construction, mitigation, operation, and maintenance of the LMF. The Authority will also complete a site-specific hazard analysis for individual LMF buildings with potentially high consequences of flooding to determine if additional measures need to be taken to build in resiliency for a changing climate.