

TABLE 2: CENTRAL VALLEY INFRASTRUCTURE CONSTRUCTION JOBS, 2021-2025

Jobs by Project Category	2021	2022	2023	2024	2025
TRANSPORTATION	16,158	13,419	13,304	12,505	14,102
High Speed Rail	5,126	4,957	8,351	8,077	3,327
Infrastructure	3,720	2,278	2,932	1,977	1,520
Public Buildings and Facilities	2,746	781	682	513	689
Schools and Other Education	1,328	2,158	972	883	840
Health Care	3,558	2,913	719	712	0
Energy and Broadband	8,643	8,233	4,811	4,467	4,314
Total	41,279	34,740	31,770	29,133	24,792

SOURCE: ADE, INC.

This report was funded by the State of California Workforce Development Board-High Road Construction Careers HRCC: SB1 Grant

The Fresno Regional Workforce Development Board is a Joint Powers Authority between the City of Fresno and the County of Fresno, in partnership with both the public and private sectors. FRWDB acts as fiscal and administrative agent for the Valley Build Consortium, a partnership of the 4 Valley Building Trades Councils, multiple WDBs, Local Conservation Corps, and community-based organizations offering MC3 Apprenticeship Readiness Program Training.

North America's Building Trades Unions (NABTU) developed the MC3 Pre-Apprenticeship Curriculum in order to provide basic instruction to those interested in joining a union. The curriculum includes a general knowledge of the safety precautions and hands-on experience needed to "thrive" within a union. Although the curriculum is not specified to one union, general knowledge of all the unions will be provided in order to select the appropriate union for each individual.

For over 13 years FRWDB has sought to prepare local residents for the career opportunities created in union apprentice construction afforded by the public infrastructure spending outlined in this summary and previous reports.



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PUBLIC INFRASTRUCTURE CONSTRUCTION JOBS IN THE CENTRAL VALLEY

Executive Summary

PREPARED FOR
Fresno Regional Workforce Development Board

PREPARED BY
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EXECUTIVE SUMMARY

Public infrastructure investments are a significant source of well-paying construction jobs. This executive summary is of a report that compiles budget data from a wide variety of sources to estimate the level of public infrastructure expenditures planned for the ten years from FY 2020-21 through FY 2030-31 in 15 counties (Alpine, Amador, Calaveras, Fresno, Inyo, Kern, Kings,

Madera, Mariposa, Merced, Mono, San Joaquin, Stanislaus, Tulare, and Tuolumne) in the Central Valley and East Sierra region. These 15 counties comprise service areas for four Building Trades Councils (BTCs) – North to South - the San Joaquin, Calaveras, Alpine BTC, the Stanislaus, Merced, Mariposa, Tuolumne BTC, the Fresno, Madera, Tulare, Kings BTC, and the Kern, Inyo, Mono BTC.



THE CURRENT STUDY HAS IDENTIFIED \$47 BILLION IN PLANNED EXPENDITURES OVER THE NEXT TEN YEARS.

Funding for transportation improvements has increased and in particular SB1, which is funding the present study, has generated significant funding for transportation projects. Regional transportation improvements, aside from high speed rail, are projected to reach \$21.6 billion

between 2021 and 2031 (Table 1). Energy projects, mostly utility scale solar, are projected to cost \$4.0 billion during this period and public building construction will add another \$4.1 billion. Expenditures on infrastructure improvements, mainly water and wastewater facilities, are projected to total \$2.2 billion over the ten years.

TABLE 1: CENTRAL VALLEY PROJECTED INFRASTRUCTURE EXPENDITURES, 2020-2025 AND CUMULATIVE THROUGH 2031

(IN THOUSANDS)

Facility Type	2020/21	2021/22	2022/23	2023/24	2024/25	Total 2020-2031
Transportation	\$3,740,906	\$3,621,946	\$4,833,377	\$4,738,724	\$3,322,319	\$35,782,556
RTPs	\$2,190,906	\$2,071,946	\$2,133,377	\$2,038,724	\$2,172,319	\$21,582,556
HSR	\$1,550,000	\$1,550,000	\$2,700,000	\$2,700,000	\$1,150,000	\$14,200,000
Infrastructure	\$549,780	\$343,413	\$435,312	\$324,045	\$239,695	\$2,236,917
City	\$512,904	\$337,413	\$429,712	\$321,245	\$236,995	\$2,174,541
County	\$36,876	\$6,000	\$5,600	\$2,800	\$2,700	\$62,376
Buildings	\$1,238,613	\$1,010,394	\$414,847	\$363,819	\$273,840	\$4,091,387
City	\$139,334	\$59,059	\$48,758	\$49,096	\$81,485	\$474,228
County	\$313,531	\$62,556	\$58,956	\$30,589	\$26,522	\$578,864
Schools	\$226,415	\$413,847	\$188,833	\$165,833	\$165,833	\$1,717,428
Hospitals	\$559,333	\$474,933	\$118,300	\$118,300	\$0	\$1,320,867
Energy	\$1,161,333	\$1,115,317	\$656,500	\$591,600	\$592,400	\$4,895,400
City	\$0	\$2,984	\$0	\$100	\$900	\$3,984
Other	\$1,161,333	\$1,112,333	\$656,500	\$591,500	\$591,500	\$4,891,417
Broadband	\$3,435	\$0	\$0	\$0	\$0	\$3,435
Total	\$6,694,068	\$6,091,070	\$6,340,035	\$6,018,187	\$4,428,254	\$47,009,695

SOURCE: ADE, INC.

One of the primary outcomes from public construction project investments in the Central Valley and within the trade council regions is significant and persistent job creation. As shown in Table 2, these construction projects expect to support over 41,000 jobs in 2021, including both construction labor and engineering/design

positions. Over 16,000 of these jobs are in local and regional transportation projects, such as street, highway, and bridge construction and improvements. While the jobs supported by currently funded projects will taper off through 2031, future funding will support additional positions in future years.