

CHAPTER 12: REGIONAL TRANSPORTATION NEEDS



OVERVIEW

Kings County is committed to the improvement of its transportation network. This chapter details the financially-constrained list of improvements planned across all modes in Kings County. This chapter shows capital projects and operational costs are reflected across modes. A complete list of all financially constrained and unconstrained planned improvements is provided in Appendix IV.

The projected revenues for the County, described in Chapter 11, is \$1,814,384,927 over 25 years. The projected expenditures for the County are \$1,375,716,431 over 25 years. The vast majority of expenditures are projected to be maintenance and operating costs for street and transit systems. As such, the fiscally-constrained list falls below the projected revenue line for Kings County.

Comparison between projected revenue and expenditure, as well as the breakdown of expenditure by type, are shown in Figure 12-1 and Figure 12-2. The tables and figures that follow show the breakdown of projects by cost and type, and roadway improvements by type. Table 12-1 shows operating costs by jurisdiction.

TABLE 12-1: ANTICIPATED OPERATING COST BY JURISDICTION

JURISDICTION	OPERATING COSTS (\$)
Avenal	\$59,801,666
Corcoran	\$62,217,844
Hanford	\$83,959,552
Lemoore	\$19,501,814
County	\$587,664,640
KART	\$244,682,555

Source: KCAG, Cities of Avenal, Corcoran, Hanford, Lemoore, Kings County, KCAPTA

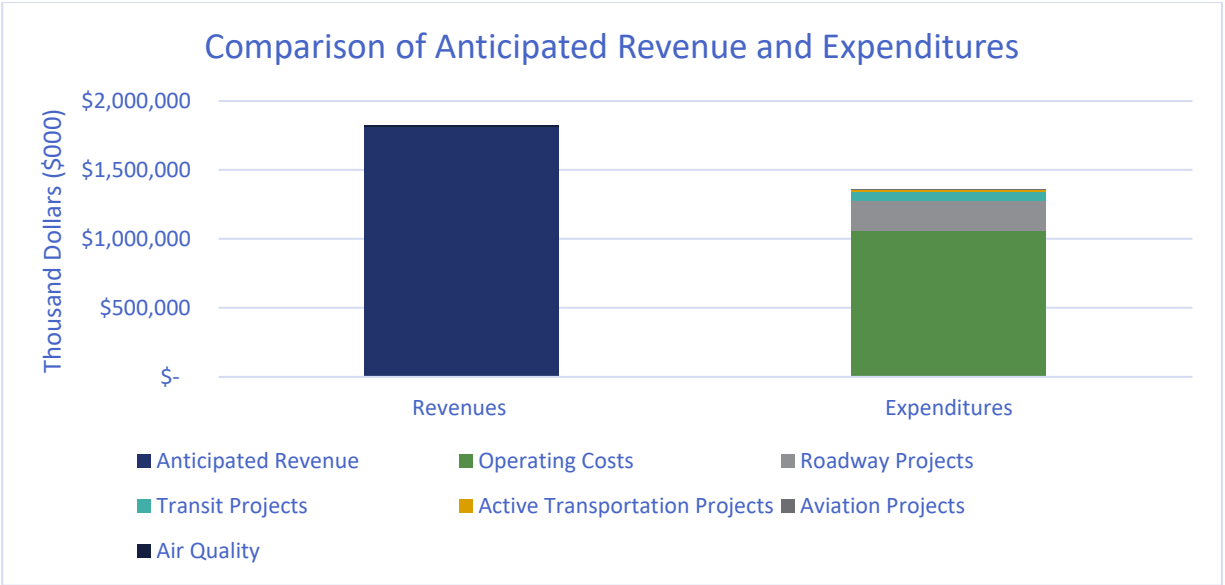


FIGURE 12-1: COMPARISON OF PROJECTED REVENUE AND EXPENDITURES

Note: These figures show capital and operational costs. Certain planning costs are not considered under these expenditures.

Source: KCAG, Cities of Avenal, Corcoran, Hanford, Lemoore, County of Kings, KCAPTA

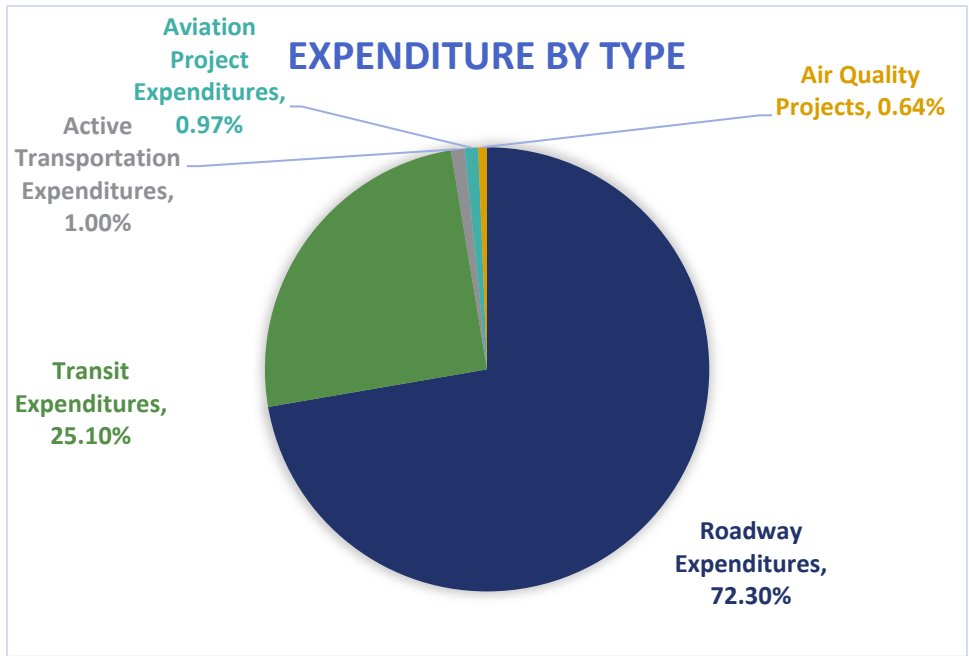


FIGURE 12-2: BREAKDOWN OF EXPENDITURES BY TYPE

Source: KCAG, Cities of Avenal, Corcoran, Hanford, Lemoore, County of Kings, KCAPTA

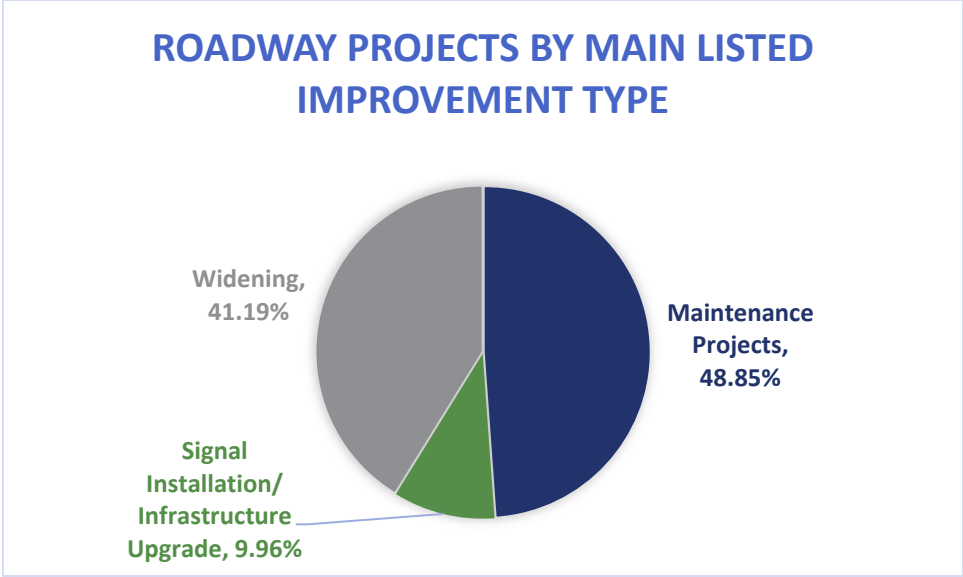


FIGURE 12-3: LISTED ROADWAY IMPROVEMENTS BY PRIMARY PROJECT TYPES

Note that operating costs are excluded

Source: KCAG, Cities of Avenal, Corcoran, Hanford, Lemoore, County of Kings, KCAPTA

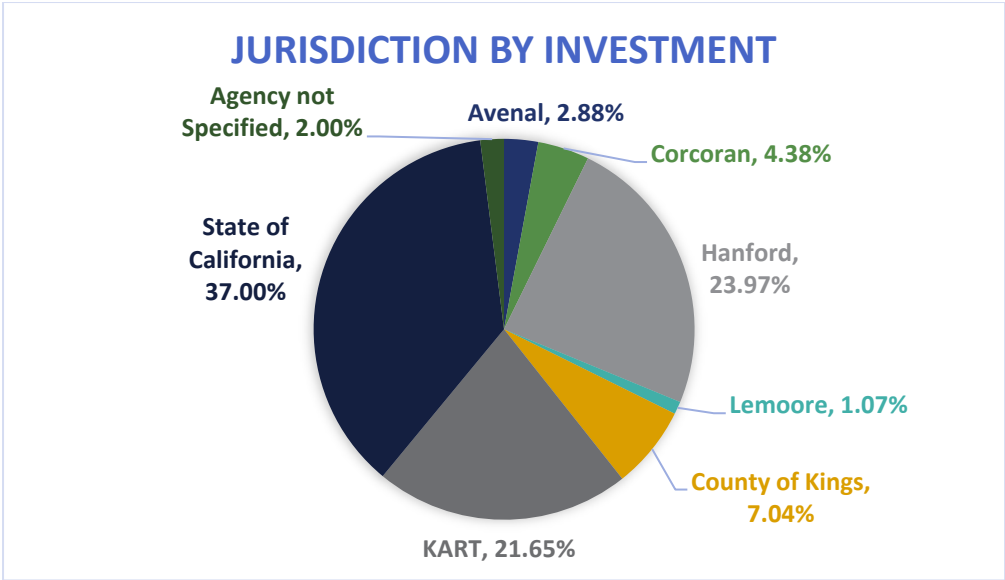


FIGURE 12-4: JURISDICTIONS BY PERCENTAGE OF CAPITAL INVESTMENT

Note that operating costs are excluded

Source: KCAG, Cities of Avenal, Corcoran, Hanford, Lemoore, County of Kings, KCAPTA

AVENAL

TABLE 12-2: AVENAL TIER I FINANCIALLY CONSTRAINED PROJECTS

Avenal					
Type	Location	Project Limits	Description	Estimated Cost	Open to Traffic
Roadway Projects	7th Avenue	San Joaquin St. to SR 269	Reconstruct and improve curb/ramps	\$690,000	2022
Roadway Projects	Central Avenue	San Joaquin St. to SR 269	Reconstruct and improve curb/ramps	\$600,000	2022
Roadway Projects	Stanislaus Street	San Joaquin St. to 2nd Ave.	Reconstruct and improve curb/ramps	\$1,020,000	2023
Roadway Projects	Merced Street	San Joaquin St. to 2nd Ave.	Reconstruct and improve curb/ramps	\$1,020,000	2023
Active Transportation Projects	First Avenue	Reef-Sunset Middle School to Lavena Blvd. (SR 33)	Continuous bike lanes (Class II)	\$198,000	2035
Active Transportation Projects	Seventh Avenue	Mariposa S.t to Lavena Blvd. (SR 33)	Continuous bike lanes (Class II)	\$270,000	2035
Active Transportation Projects	Hanford Avenue	Fresno S.t to Tamarack E.S.	New bike route (Class III)	\$9,600	2035
Active Transportation Projects	Monterey Street	7th Ave. to Park Ave.	New bike route (Class III)	\$6,000	2035
Active Transportation Projects	Big Tar Canyon Road	7th Ave. to Sports Complex	Paved multi-use path	\$2,760,000	2035
Active Transportation Projects	San Joaquin Street	Skyline Blvd. to Lavena Blvd. (SR 33)	Separated bikeway (Class IV)	\$540,000	2035
Active Transportation Projects	Hydril Road	Skyline Blvd. to Just west of Ave. 36	Paved multi-use path	\$1,740,000	2035

Note: Excludes SHOPP and CMAQ Projects

Source: City of Avenal

The improvements planned for the City of Avenal total an estimated \$8,853,600.

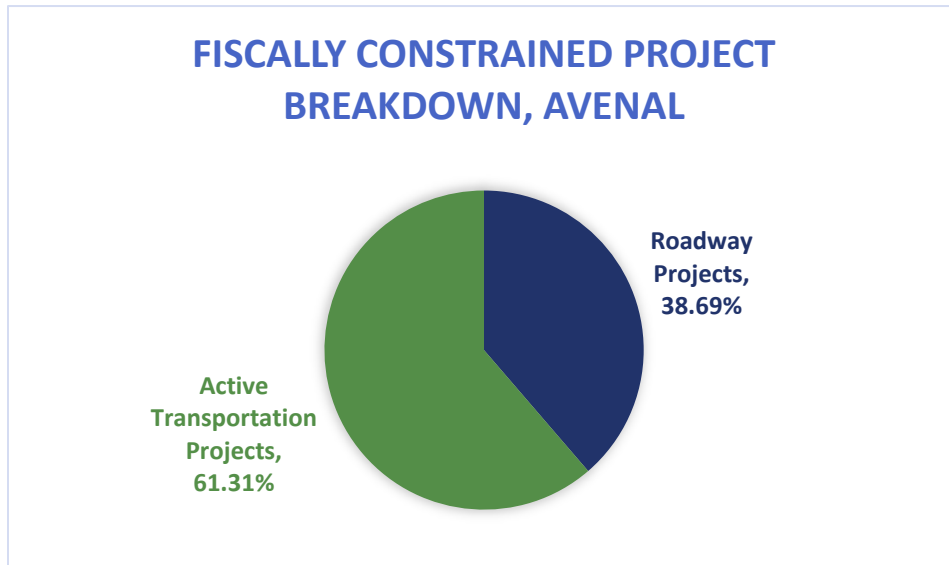


FIGURE 12-5: PROJECT COST BREAKDOWN BY TYPE

Source: City of Avenal

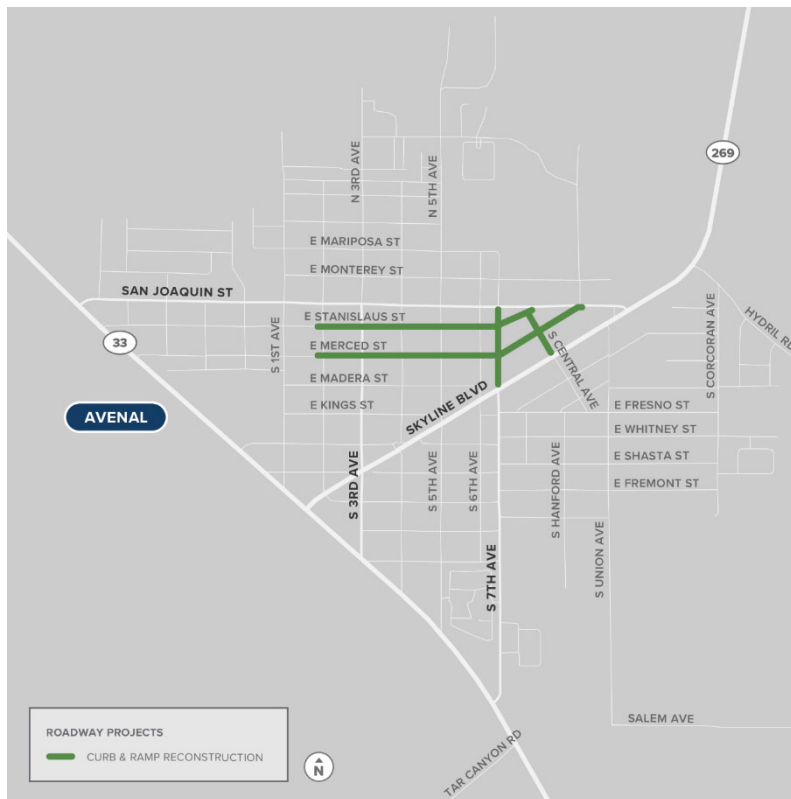


FIGURE 12-6: AVENAL ROADWAY PROJECT LOCATIONS

Source: City of Avenal

CORCORAN

TABLE 12-3: CORCORAN TIER I FINANCIALLY CONSTRAINED PROJECTS

Corcoran					
Type	Location	Project Limits	Description	Estimated Cost	Open to Traffic
Roadway Projects	Various Locations	Various Locations	Maintenance Program	\$480,000	2023
Roadway Projects	Various Locations	Various Locations	Maintenance Program	\$504,000	2025
Roadway Projects	Various Locations	Various Locations	Maintenance Program	\$529,200	2027
Roadway Projects	Various Locations	Various Locations	Maintenance Program	\$555,660	2029
Roadway Projects	Various Locations	Various Locations	Maintenance Program	\$583,443	2031
Roadway Projects	Various Locations	Various Locations	Maintenance Program	\$612,615	2033
Roadway Projects	Various Locations	Various Locations	Maintenance Program	\$643,246	2035
Roadway Projects	Various Locations	Various Locations	Maintenance Program	\$675,408	2037
Roadway Projects	Various Locations	Various Locations	Maintenance Program	\$709,179	2039
Roadway Projects	Various Locations	Various Locations	Maintenance Program	\$744,638	2041
Roadway Projects	Various Locations	Various Locations	Maintenance Program	\$781,869	2043
Roadway Projects	Various Locations	Various Locations	Maintenance Program	\$820,963	2045
Active Transportation Projects	Orange Avenue	Seventh Ave to Otis Ave.	Bike lanes (Class II) or bike route (Class III)	\$25,200	2035
Active Transportation Projects	North Avenue	Seventh Ave to Otis Ave.	Bike lanes (Class II) or bike route (Class III)	\$27,000	2035
Active Transportation Projects	Patterson Avenue	6 1/2 Ave. to Otis Ave.	Bike lanes (Class II) or bike route (Class III)	\$21,600	2035
Active Transportation Projects	Whitley Avenue	West of Doran Ave. to East of Pickerell Ave.	Bike lanes (Class II) or bike route (Class III)	\$34,200	2035
Active Transportation Projects	Sherman Avenue	Seventh Ave. to Otis Ave.	Bike lanes (Class II) or bike route (Class III)	\$36,000	2035
Active Transportation Projects	Oregon Avenue	6 1/2 Ave. to King Ave.	Bike lanes (Class II) or bike route (Class III)	\$23,400	2035
Active Transportation Projects	Hydril Road	Skyline Blvd. to Just west of Ave. 36	Paved multi-use path	\$1,740,000	2035
Active Transportation Projects	6 1/2 Avenue	Orange Ave. to Oregon Ave.	Bike lanes (Class II) or bike route (Class III)	\$27,000	2035
Active Transportation Projects	Dairy Avenue	Niles Ave. to Pueblo Ave.	Bike lanes (Class II) or bike route (Class III)	\$45,000	2035
Active Transportation Projects	Letts Avenue	North Ave. to Oregon Ave.	Bike lanes (Class II) or bike route (Class III)	\$23,400	2035
Active Transportation Projects	Otis Avenue	Orange Ave. to Patterson Ave.	Bike lanes (Class II) or bike route (Class III)	\$10,800	2035
Active Transportation Projects	Chittenden Avenue	Patterson Ave. to Sherman Ave.	Bike lanes (Class II) or bike route (Class III)	\$9,000	2035
Active Transportation Projects	Flory Avenue	Whitley Ave. to Bainum Ave.	Bike lanes (Class II) or bike route (Class III)	\$9,000	2035
Active Transportation Projects	King Avenue	Bainum Ave. to Corcoran State Prison	Bike lanes (Class II) or bike route (Class III)	\$32,400	2035

Corcoran					
Type	Location	Project Limits	Description	Estimated Cost	Open to Traffic
Active Transportation Projects	Dairy Avenue	Orange Ave. to Oregon Ave.	Multiple gaps, mostly north of Whitley and south of Bainum	\$540,000	2035
Active Transportation Projects	Josephine Avenue	North Ave. to Preston Way	Multiple gaps, mostly south of Patterson	\$132,000	2035
Active Transportation Projects	Letts Avenue	Orange Ave. to Oregon Ave.	Multiple gaps, on both sides	\$492,000	2035
Active Transportation Projects	Otis Avenue	Cardoza Ave. to North of Patterson Ave.	Gap on the west side	\$60,000	2035
Active Transportation Projects	Orange Avenue	Dairy Ave. to Letts Ave.	Gap on the south side	\$156,000	2035
Active Transportation Projects	North Avenue	6 1/2 Ave. to Otis Ave.	Multiple gaps, on both sides	\$540,000	2035
Active Transportation Projects	Patterson Avenue	Soto Ave. to Otis Ave.	Multiple gaps, on both sides	\$312,000	2035
Active Transportation Projects	Whitley Avenue	Burnham Smith Park to Dairy Ave.	Two gaps	\$60,000	2035
Active Transportation Projects	Sherman Avenue	6 1/2 Ave. to Kings Ave.	Multiple gaps, on both sides	\$540,000	2035
Active Transportation Projects	Bainum Avenue	Dairy Ave. to Norboe Ave.	Multiple gaps, mostly on the north side	\$240,000	2035
Active Transportation Projects	Oregon Avenue	Dairy Ave. to Mark Twain E.S.	Multiple gaps, mostly on the south side	\$240,000	2035
Transit Projects	Various Locations	Various Locations	Install bus shelters with advertising	\$60,000	2025
Transit Projects	CAT Buses	CAT Buses	Purchase and install new electronic fare boxes	\$96,000	2026
Transit Projects	CAT Buses	CAT Buses	Beginning stages of implementation of Zero Emission fleet	\$120,000	2024
Transit Projects	CAT Buses	CAT Buses	Beginning stages of implementation of cashless fare box	\$96,000	2029

Note: Excludes SHOPP and CMAQ Projects

Source: City of Corcoran

The improvements planned for the City of Corcoran total an estimated \$12,567,258.

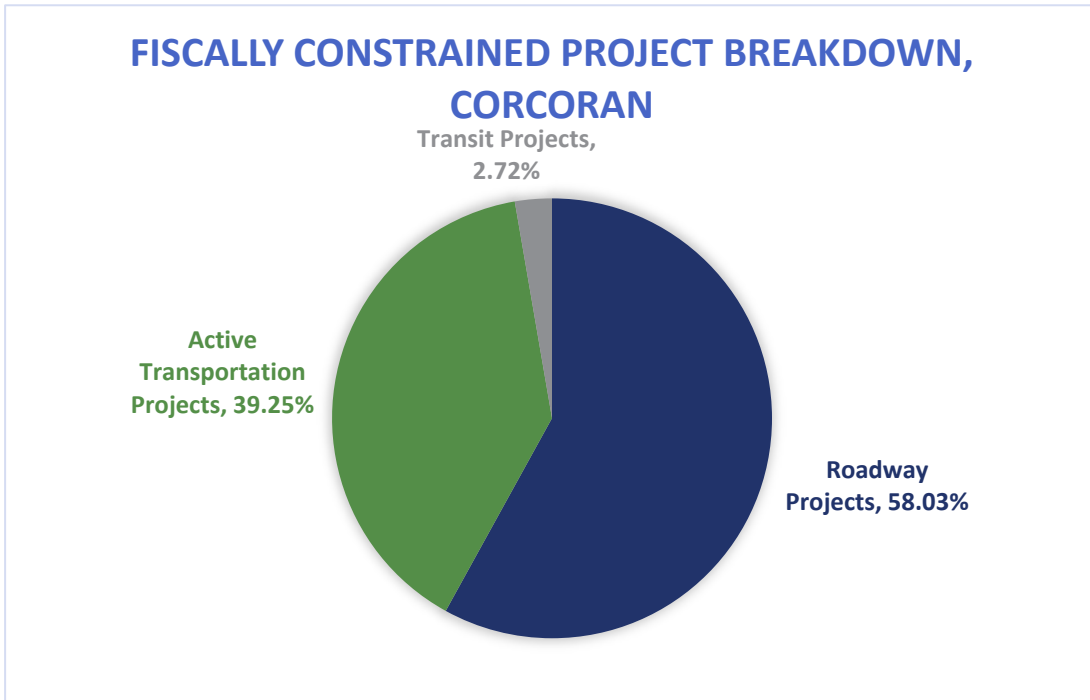


FIGURE 12-7: PROJECT COST BREAKDOWN BY TYPE

Source: City of Corcoran

HANFORD

TABLE 12-4: HANFORD TIER I FINANCIALLY CONSTRAINED PROJECTS

Hanford					
Type	Location	Project Limits	Description	Estimated Cost	Open to Traffic
Active Transportation Projects	13th Avenue	Fargo Ave. to Houston Ave.	Bike route (Class III)	\$48,000	2035
Active Transportation Projects	Centennial Drive	Berkshire Ln. to 12th Ave. / Mall Dr.	Bike lanes (Class II) or bike route (Class III)	\$34,200	2035
Active Transportation Projects	12th Avenue	Fargo Ave. to Grangeville Blvd.	Bike lanes (Class II)	\$24,000	2035
Active Transportation Projects	12th Avenue	Hume Ave. to Idaho Ave.	Bike route (Class III)	\$30,000	2035
Active Transportation Projects	Fitzgerald Lane	Fargo Ave. to Grangeville Blvd.	Bike route (Class III)	\$12,000	2035
Active Transportation Projects	Kings County Drive / Mall Drive	12th Ave. / Liberty St. to 12th Ave. / Centennial Dr.	Bike route (Class III)	\$12,000	2035
Active Transportation Projects	University Avenue	Grangeville Blvd. to Greenfield Ave.	Bike route (Class III)	\$6,000	2035
Active Transportation Projects	Campus Drive	Greenfield Ave. to Glendale Ave.	Bike route (Class III)	\$13,200	2035
Active Transportation Projects	11 1/2 Avenue / Echo Lane	Davis St. to Hume Ave.	Bike route (Class III)	\$12,000	2035
Active Transportation Projects	Glacier Way	Flint Ave. to Cortner St.	Bike route (Class III)	\$16,800	2035
Active Transportation Projects	11th Avenue	Flint Ave. to Grangeville Blvd.	Bike lanes (Class II) or bike route (Class III)	\$18,000	2035
Active Transportation Projects	11th Avenue	7th St. to Jackson Ave.	Bike route (Class III)	\$58,800	2035
Active Transportation Projects	Williams Street / Jones Street	Davis St. to Hume Ave.	Bike route (Class III)	\$10,800	2035
Active Transportation Projects	Redington Street	Grangeville Blvd. to Lacey Blvd.	Bike lanes (Class II)	\$24,000	2035
Active Transportation Projects	10 1/2 Avenue	Hanford-Armona Rd. to Houston Ave.	Bike route (Class III)	\$12,000	2035
Active Transportation Projects	Mission Drive	Flint Ave. to 10th Ave.	Bike route (Class III)	\$7,200	2035
Active Transportation Projects	10th Avenue	3rd St. to Jackson Ave.	Bike route (Class III)	\$57,600	2035
Active Transportation Projects	Neill Way	Fargo Ave. to Leland Way	Bike route (Class III)	\$6,000	2035
Active Transportation Projects	9 1/4 Avenue	Leland Way to Lacey Blvd.	Bike route (Class III)	\$18,000	2035
Active Transportation Projects	9th Avenue	Lacey Blvd. to Idaho Ave.	Bike route (Class III)	\$48,000	2035
Active Transportation Projects	Flint Avenue	12th Ave. to 10th Ave.	Bike route (Class III)	\$24,000	2035
Active Transportation Projects	Pepper Drive / Encore Drive	Glacier Way to Fargo Ave.	Bike route (Class III)	\$24,000	2035
Active Transportation Projects	Fargo Avenue	13th Ave. to Centennial Dr.	Bike route (Class III)	\$6,000	2035
Active Transportation Projects	Cortner Street	Glacier Way to Douty St.	Bike route (Class III)	\$10,800	2035

Hanford					
Type	Location	Project Limits	Description	Estimated Cost	Open to Traffic
Active Transportation Projects	Leland Way	Douty St. to 9 1/4 Ave.	Bike route (Class III)	\$14,400	2035
Active Transportation Projects	Mustang Drive / Berkshire Lane	13th Ave. to Centennial Dr.	Bike route (Class III)	\$7,200	2035
Active Transportation Projects	Grangeville Boulevard	13th Ave. to Centennial Dr.	Bike route (Class III)	\$6,000	2035
Active Transportation Projects	Grangeville Boulevard	9th Ave. to 8 1/2 Ave.	Bike route (Class III)	\$6,000	2035
Active Transportation Projects	Liberty Street	Centennial Dr. to 12th Ave.	Bike route (Class III)	\$3,600	2035
Active Transportation Projects	Ivy Street	11th Ave. to 10th Ave.	Bike route (Class III)	\$12,000	2035
Active Transportation Projects	Lacey Boulevard	Centennial Dr. to Irwin St.	Bike route (Class III)	\$21,600	2035
Active Transportation Projects	Lacey Boulevard	10th Ave. to SR 43	Bike route (Class III)	\$24,000	2035
Active Transportation Projects	7th Street	Mall Dr. to 11th Ave.	Bike lanes (Class II)	\$19,200	2035
Active Transportation Projects	6th Street	11th Ave. to 10th Ave.	Bike lanes (Class II)	\$24,000	2035
Active Transportation Projects	3rd Street	10th Ave. to 9th Ave.	Bike route (Class III)	\$12,000	2035
Active Transportation Projects	Glendale Avenue	12 1/2 Ave. to Campus Dr.	Bike lanes (Class II)	\$26,400	2035
Active Transportation Projects	Davis Street	11 1/2 Ave. to 11th Ave.	Bike route (Class III)	\$6,000	2035
Active Transportation Projects	Hanford-Armona Road	10th Ave. to Hanford Municipal Airport	Bike route (Class III)	\$3,600	2035
Active Transportation Projects	Hume Avenue	12th Ave. to Jones St.	Bike route (Class III)	\$13,200	2035
Active Transportation Projects	Houston Avenue	13th Ave. to 9th Ave.	Bike route (Class III)	\$48,000	2035
Active Transportation Projects	Iona Avenue	12th Ave. to 9th Ave.	Bike route (Class III)	\$36,000	2035
Active Transportation Projects	Idaho Avenue	12th Ave. to 9th Ave.	Bike route (Class III)	\$36,000	2035
Active Transportation Projects	Jackson Avenue.	11th Ave. to 10th Ave.	Bike route (Class III)	\$12,000	2035
Active Transportation Projects	Centennial Drive	TBD	Pedestrian Project-Preliminary Planning	\$25,000	2035
Active Transportation Projects	12th Avenue	TBD	Pedestrian Project-Preliminary Planning	\$25,000	2035
Active Transportation Projects	Phillips Street	TBD	Pedestrian Project-Preliminary Planning	\$25,000	2035
Active Transportation Projects	Irwin Street	TBD	Pedestrian Project-Preliminary Planning	\$25,000	2035
Active Transportation Projects	Douty Street	TBD	Pedestrian Project-Preliminary Planning	\$25,000	2035
Active Transportation Projects	10th Avenue	TBD	Pedestrian Project-Preliminary Planning	\$25,000	2035
Active Transportation Projects	9 ¼ Avenue	TBD	Pedestrian Project-Preliminary Planning	\$25,000	2035

Hanford					
Type	Location	Project Limits	Description	Estimated Cost	Open to Traffic
Active Transportation Projects	Fargo Avenue	TBD	Pedestrian Project-Preliminary Planning	\$25,000	2035
Active Transportation Projects	Leland Way	TBD	Pedestrian Project-Preliminary Planning	\$25,000	2035
Active Transportation Projects	Grangeville Boulevard	TBD	Pedestrian Project-Preliminary Planning	\$25,000	2035
Active Transportation Projects	Greenfield Avenue	TBD	Pedestrian Project-Preliminary Planning	\$25,000	2035
Active Transportation Projects	Elm Street	TBD	Pedestrian Project-Preliminary Planning	\$25,000	2035
Active Transportation Projects	West Lacey Boulevard	TBD	Pedestrian Project-Preliminary Planning	\$25,000	2035
Active Transportation Projects	East Lacey Boulevard	TBD	Pedestrian Project-Preliminary Planning	\$25,000	2035
Active Transportation Projects	Second Street	TBD	Pedestrian Project-Preliminary Planning	\$25,000	2035
Active Transportation Projects	Hanford–Armona Road	TBD	Pedestrian Project-Preliminary Planning	\$25,000	2035
Roadway Projects	10th Avenue	SR 198 to Grangeville Blvd.	Rehabilitate/Overlay	\$1,800,000	2027
Roadway Projects	10th Avenue	Grangeville Blvd. to SR 43	Rehabilitate/Overlay	\$1,200,000	2029
Roadway Projects	11th Avenue	Ivy St. to Grangeville Blvd.	Rehabilitate/Overlay	\$960,000	2023
Roadway Projects	11th Avenue	Grangeville Blvd. to Fargo Ave.	Rehabilitate/Overlay	\$1,800,000	2033
Roadway Projects	11th Avenue	Lacey Blvd. to Grangeville Blvd.	Rehabilitate/Overlay	\$1,800,000	2035
Roadway Projects	11th Avenue	Hanford Armona Rd. to Lacey Blvd.	Rehabilitate/Overlay	\$1,800,000	2035
Roadway Projects	11th Avenue	Hanford Armona Rd. to Houston Ave.	Rehabilitate/Overlay	\$1,800,000	2037
Roadway Projects	12th Avenue	Fargo Ave. to Flint Ave.	Widen from 2 to 4 lanes w/ median	\$3,600,000	2040
Roadway Projects	12th Avenue	Fargo Ave. to Flint Ave.	Install traffic signals and pedestrian facilities	\$1,200,000	2040
Roadway Projects	12th Avenue	Hume Ave.	Signal	\$483,600	2023
Roadway Projects	9th Avenue	Lacey Blvd. to Grangeville Blvd.	New arterial roadway – 4 lanes w/ median	\$4,800,000	2035
Roadway Projects	9th Avenue	Lacey Blvd. to Grangeville Blvd.	Install traffic signals and pedestrian facilities	\$1,800,000	2035
Roadway Projects	9th Avenue	Grangeville Blvd. to Fargo Ave.	New arterial roadway – 4 lanes w/ median	\$3,600,000	2045
Roadway Projects	9th Avenue	Grangeville Blvd. to Fargo Ave.	Install traffic signals and pedestrian facilities	\$1,800,000	2045

Hanford					
Type	Location	Project Limits	Description	Estimated Cost	Open to Traffic
Roadway Projects	E Lacey Boulevard	10th Ave. to 9th Ave.	Widen from 2 to 4 lanes w/ left turn pockets	\$3,000,000	2025
Roadway Projects	E Lacey Boulevard	9th Ave. to Sierra Dr.	Widen from 2 to 4 lanes w/ left turn pockets	\$3,000,000	2028
Roadway Projects	Fargo Ave	BN&SF to 12th Ave.	Widen from 2 to 4 lanes w/ left turn pockets	\$1,800,000	2035
Roadway Projects	Fargo Ave	12th Ave. to 13th Ave.	Widen from 2 to 4 lanes w/ left turn pockets	\$3,600,000	2040
Roadway Projects	Fargo Ave	12th Ave. to 13th Ave.	Install traffic signals and pedestrian facilities	\$1,200,000	2040
Roadway Projects	Fargo Ave	11th Ave. to Meadow View Ln.	Rehabilitate/Overlay	\$1,800,000	2033
Roadway Projects	Grangeville Boulevard	Centennial Dr. to 13th Ave.	Widen from 2 to 4 lanes w/ left turn pockets	\$3,000,000	2030
Roadway Projects	Grangeville Boulevard	11th Ave. to 12th Ave.	Rehabilitate/Overlay	\$1,200,000	2031
Roadway Projects	Grangeville Boulevard	10th Ave. to 9 1/4 Ave.	Rehabilitate/Overlay	\$1,800,000	2031
Roadway Projects	Grangeville Boulevard	9 1/4 Ave. to SR 43	Widen from 2 to 4 lanes w/ median	\$3,600,000	2040
Roadway Projects	Grangeville Boulevard	9 1/4 Ave. to SR 43	Install traffic signals and pedestrian facilities	\$1,200,000	2040
Roadway Projects	Hanford Armona Road	12th Ave. to 13th Ave.	Widen from 2 to 4 lanes w/ left turn pockets	\$2,400,000	2035
Roadway Projects	Houston Avenue	10th Ave. to 11th Ave.	Widen from 2 to 4 lanes w/ median	\$3,600,000	2040
Roadway Projects	Houston Avenue	10th Ave. to 11th Ave.	Install traffic signals and pedestrian facilities	\$1,200,000	2040
Roadway Projects	Houston Avenue	11th Ave. to 12th Ave.	Widen from 2 to 4 lanes w/ median	\$3,600,000	2040
Roadway Projects	Houston Avenue	11th Ave. to 12th Ave.	Install traffic signals and pedestrian facilities	\$1,200,000	2040
Roadway Projects	Redington Street	Lacey Blvd. to Grangeville Blvd.	Rehabilitate/Overlay	\$720,000	2022
Roadway Projects	W Lacey Boulevard	12 1/2 Ave. to 13th Ave.	Widen from 2 to 4 lanes w/ median	\$2,100,000	2031
Aviation Projects	Hanford Municipal Airport	Hanford Municipal Airport	Rehabilitate South Transient Runway Apron – Design Only	\$400,849	2022
Aviation Projects	Hanford Municipal Airport	Hanford Municipal Airport	Rehabilitate South Transient Runway	\$3,185,846	2023

Hanford					
Type	Location	Project Limits	Description	Estimated Cost	Open to Traffic
			Apron – construction Phase I		
Aviation Projects	Hanford Municipal Airport	Hanford Municipal Airport	Rehabilitate South Transient Runway Apron – construction Phase II	\$1,560,000	2024
Aviation Projects	Hanford Municipal Airport	Hanford Municipal Airport	Rehabilitate Taxiway A, Connector Taxiways & Large Aircraft Apron – design only	\$95,000	2025

Note: Excludes SHOPP and CMAQ Projects

Source: City of Hanford

The costs for the City of Hanford are estimated to be \$73,854,895.

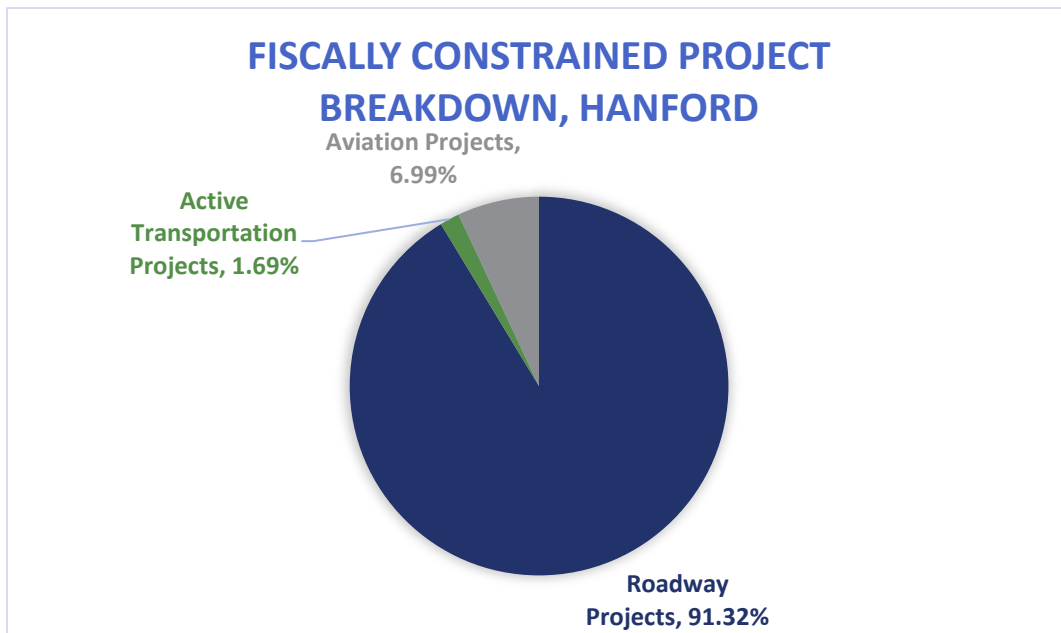


FIGURE 12-8: COST BREAKDOWN BY PROJECT TYPE, HANFORD

Source: City of Hanford

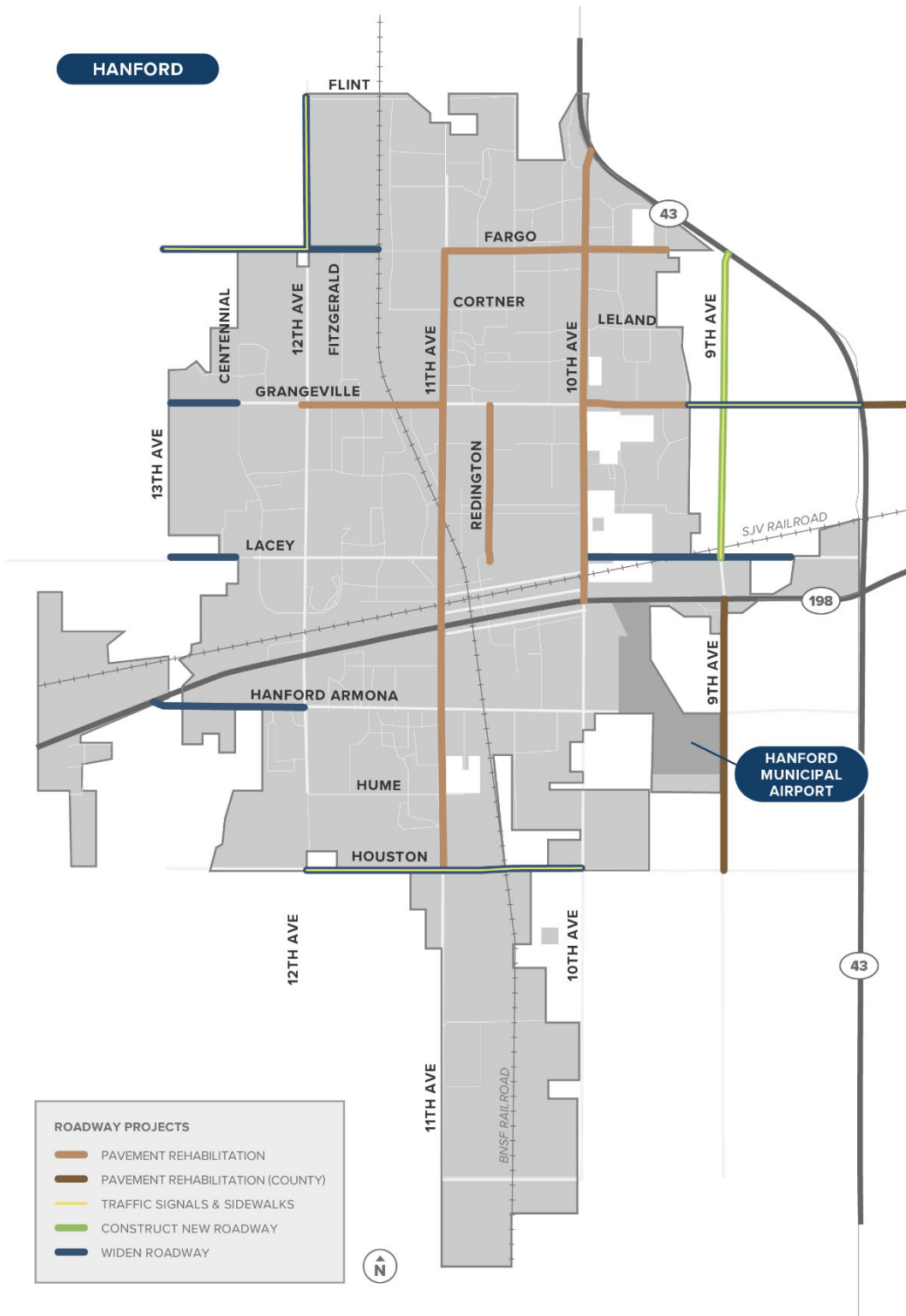


FIGURE 12-9: HANFORD ROADWAY PROJECT LOCATIONS

Source: City of Hanford

LEMOORE

TABLE 12-5: LEMOORE TIER I FINANCIALLY CONSTRAINED PROJECTS

Lemoore					
Type	Location	Project Limits	Description	Estimated Cost	Open to Traffic
Roadway Projects	Olive Avenue	B St. to Redwood Ln.	Overlay	\$78,000	2023
Roadway Projects	Oakdale Lane	Vine S.t to Lum Ave.	Overlay	\$72,000	2024
Roadway Projects	E Street	Fox St. to D St.	Overlay	\$72,000	2024
Roadway Projects	W Deodar Lane	Spruce Ave. to Glendale Ave.	Overlay	\$120,000	2025
Roadway Projects	S Byron Avenue	Bush St. to South End	Overlay	\$54,000	2025
Roadway Projects	Cambridge Drive	Bush St. to Olive St.	Overlay	\$90,000	2026
Roadway Projects	E D Street	Lemoore Ave. to Smith St.	Overlay	\$60,000	2026
Roadway Projects	W Burlwood Lane	Lemoore Ave. to Juniper Ln.	Overlay	\$108,000	2027
Roadway Projects	Bush Street	Lemoore Ave. to D St.	Overlay	\$198,000	2028
Roadway Projects	W D Street	Bush St. to Olive St.	Overlay	\$240,000	2029
Roadway Projects	Hanford Armona Road	Lemoore Ave. to Liberty Dr.	Overlay	\$240,000	2030
Roadway Projects	Hanford Armona Road	Liberty Dr. to 19th Ave.	Overlay	\$210,000	2031
Roadway Projects	Hanford Armona Road	19th Ave. to SR 41	Overlay	\$240,000	2032
Roadway Projects	Iona Avenue	Vine St. to 19th Ave.	Overlay	\$240,000	2033
Roadway Projects	Lemoore Avenue	SR 198 to Bush St.	Overlay	\$240,000	2034
Roadway Projects	Lemoore Avenue	UPRR to Cinnamon Dr.	Overlay	\$240,000	2035
Active Transportation Projects	19th Avenue	D St. to Silverado Dr.	Preliminary Planning	\$25,000	2035
Active Transportation Projects	Hill Street (east side)	E St. to Bush St.	Preliminary Planning	\$25,000	2035
Active Transportation Projects	Follett Street	Cinnamon Dr. to Bush St.	Preliminary Planning	\$25,000	2035
Active Transportation Projects	Cinnamon Drive (south side)	Hill St. to Hanford Armona Rd.	Preliminary Planning	\$25,000	2035
Active Transportation Projects	Bush Street (south side)	College Ave. to State Route 41	Preliminary Planning	\$25,000	2035
Active Transportation Projects	Bush Street	Lemoore Ave. to Bush Pl. / Barcelona Dr.	Preliminary Planning	\$25,000	2035
Active Transportation Projects	Bush Street (east side)	Bush Pl. / Barcelona Dr. to E. D St.	Preliminary Planning	\$25,000	2035
Active Transportation Projects	Cedar Lane (north side)	19½ Ave. to Lum Dr.	Preliminary Planning	\$25,000	2035
Active Transportation Projects	Silverado Drive (south side)	19 1/2 Ave. to 19th Ave.	Preliminary Planning	\$25,000	2035
Active Transportation Projects	19th Avenue	Hanford-Armona Rd. to Silverado Dr. / City Park	Preliminary Planning	\$25,000	2035

Lemoore					
Type	Location	Project Limits	Description	Estimated Cost	Open to Traffic
Active Transportation Projects	Liberty Drive	Hanford-Armona Rd. to Cinnamon Dr.	Preliminary Planning	\$25,000	2035
Active Transportation Projects	Vine Street	Bush St. to Cedar Ln.	Preliminary Planning	\$25,000	2035
Active Transportation Projects	Fox Street	Hanford-Armona Rd. to Bush St.	Preliminary Planning	\$25,000	2035
Active Transportation Projects	Eton Avenue / Follett Street	Brentwood Dr. to Bush St.	Preliminary Planning	\$25,000	2035
Active Transportation Projects	Lemoore Avenue	Glendale Ave. to Bush St. / Lemoore H.S.	Preliminary Planning	\$25,000	2035
Active Transportation Projects	Daphne Lane (incl. extension)	Heritage Park to San Joaquin Valley R.R.	Preliminary Planning	\$25,000	2035
Active Transportation Projects	Hanford-Armona Road	Apricot Ave. to Cinnamon Dr.	Preliminary Planning	\$25,000	2035
Active Transportation Projects	Cinnamon Drive	19 1/2 Ave. to Hanford-Armona Rd.	Preliminary Planning	\$25,000	2035
Active Transportation Projects	D Street	W. Bush St. to E. Bush St.	Preliminary Planning	\$25,000	2035
Active Transportation Projects	Bush Street (incl. extension)	19 ½ Ave. to San Joaquin Valley R.R.	Preliminary Planning	\$25,000	2035
Active Transportation Projects	Cedar Lane (incl. extensions)	19 ½ Ave. to Lemoore Ave.	Preliminary Planning	\$25,000	2035
Active Transportation Projects	Silverado Avenue	19 ½ Ave. to 19th Ave. / City Park	Preliminary Planning	\$25,000	2035

Note: Excludes SHOPP and CMAQ Projects

Source: City of Lemoore

The costs for the City of Lemoore are estimated to be \$2,407,000.

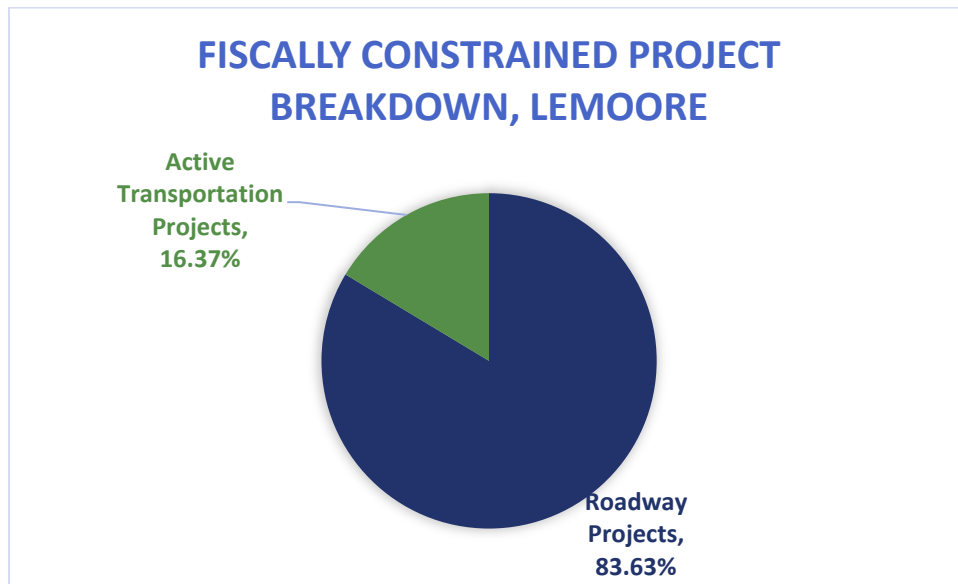


FIGURE 12-10: COST BREAKDOWN BY PROJECT TYPE, LEMOORE

Source: City of Lemoore



FIGURE 12-11: LEMOORE ROADWAY PROJECT LOCATIONS

Source: City of Lemoore

KINGS COUNTY (INCLUDING ARMONA, HOME GARDEN, STRATFORD, AND KETTLEMAN CITY)

TABLE 12-6: KINGS COUNTY TIER I FINANCIALLY CONSTRAINED PROJECTS

Kings County					
Type	Location	Project Limits	Description	Estimated Cost	Open to Traffic
Roadway Projects	Grangeville Boulevard	SR 43 to 6th Ave.	Reconstruct	\$522,000	2024
Roadway Projects	Grangeville Boulevard	5th Ave. to 6th Ave.	Overlay	\$591,600	2024
Roadway Projects	Grangeville Boulevard	1st Ave. to 2 1/2 Ave.	Overlay	\$382,800	2024
Roadway Projects	Grangeville Boulevard	2 1/2 Ave. to Highline Canal	Reconstruct	\$591,600	2024
Roadway Projects	Grangeville Boulevard	Highline Canal to 5th Ave.	Overlay	\$382,800	2025
Roadway Projects	18th Avenue	Laurel Ave. to Kansas Ave.	Overlay	\$409,200	2025
Roadway Projects	10th Avenue	Nevada Ave. to Pueblo Ave.	Overlay	\$1,020,000	2025
Roadway Projects	10th Avenue	Pueblo Ave. to Redding Ave.	Overlay	\$1,020,000	2026
Roadway Projects	10th Avenue	Seattle Ave. to Utica Ave.	Seal Coat	\$784,800	2026
Roadway Projects	14th Avenue	Jersey Ave. to Kansas Ave.	Overlay	\$534,000	2026
Roadway Projects	Excelsior Avenue	SR 41 to 22nd Ave.	Overlay	\$774,000	2027
Roadway Projects	Excelsior Avenue	SR 43 to 6th Ave.	Reconstruct 1 mile	\$1,521,600	2027
Roadway Projects	Laurel Avenue	Avenal Cutoff Rd. to SR 41	Overlay	\$1,412,400	2027
Roadway Projects	Nevada Avenue	Avenal Cutoff Rd. to SR 41	Overlay	\$1,632,000	2029
Roadway Projects	Avenal Cutoff Road	SR 198 to 25th Ave.	Overlay	\$705,600	2029
Roadway Projects	9th Avenue	SR 198 to Houston Ave.	Overlay	\$261,600	2029
Roadway Projects	Utica Avenue	11th Ave. to 16th Ave.	Overlay	\$1,082,400	2030
Roadway Projects	6th Avenue	Utica Ave. to Virginia Ave.	Overlay	\$682,800	2030
Roadway Projects	6th Avenue	Virginia Ave. to Xavier Ave.	Overlay	\$774,000	2030
Roadway Projects	6th Avenue	Kern County to Xavier Ave.	Overlay	\$886,800	2031
Roadway Projects	Virginia Avenue	4th Ave to 6th Ave.	Overlay	\$1,020,000	2031
Roadway Projects	Utica Avenue	16th Ave to 20th Ave.	Overlay	\$968,400	2031
Roadway Projects	Utica Avenue	6th Ave to 11th Ave.	Overlay	\$1,350,000	2032
Active Transportation Projects	6th Avenue	Burriss Park Dr. to Flint Ave.	Class III with stripe	\$56,400	2035
Active Transportation Projects	10th Avenue	Houston Ave. to Kansas Ave.	Class III with stripe	\$72,000	2035

Kings County					
Type	Location	Project Limits	Description	Estimated Cost	Open to Traffic
Active Transportation Projects	10th Avenue	Nevada Ave. to Whitney Ave.	Class III with stripe	\$33,600	2035
Active Transportation Projects	10 1/2 Avenue	Kansas Ave. to Nevada Ave.	Class III with stripe	\$60,000	2035
Active Transportation Projects	12 3/4 Avenue	Fresno County Line to Excelsior Ave.	Class III with stripe	\$18,000	2035
Active Transportation Projects	18th Avenue	Lemoore City Limit to Jackson Ave.	Class II	\$38,400	2035
Active Transportation Projects	Fargo Avenue	14th Ave. to BN Santa Fe RR / Hanford city limit	Class III with stripe	\$30,000	2035
Active Transportation Projects	Flint Avenue	18th Ave. to 6th Ave.	Class III with stripe	\$144,000	2035
Active Transportation Projects	Jackson Avenue	Avenal Cutoff Rd. to 18th Ave.	Class III with stripe	\$60,000	2035
Active Transportation Projects	Nevada Avenue	Avenal Cutoff Rd. to Hwy 41	Class III with stripe	\$88,800	2035
Active Transportation Projects	Whitley Avenue	10th Ave. to 7th Ave. / Corcoran city limit	Class III with stripe	\$36,000	2035
Active Transportation Projects	14th Avenue to Front Street	Sidewalks along 14th Avenue and Front Street	Preliminary Concept Planning	\$25,000	2035
Active Transportation Projects	14th Avenue to North of Hwy 198	New or restriped crosswalks and crossing signs along 14th Avenue north of Highway 198 and near schools	Preliminary Concept Planning	\$25,000	2035
Active Transportation Projects	Ambrose/C Streets or at Railroad Avenue/D Street	Pedestrian crossings across the railroad ROW at Ambrose/C Streets or at Railroad Ave./D St.	Preliminary Concept Planning	\$25,000	2035
Active Transportation Projects	East of 14th Avenue to North of Front Street	Footpaths in new developments east of 14th Ave. and north of Front St.	Preliminary Concept Planning	\$25,000	2035
Active Transportation Projects	Armona North to Front Street	Cut-throughs from cul-de-sacs in the Armona North subdivision onto Front St.	Preliminary Concept Planning	\$25,000	2035

Kings County					
Type	Location	Project Limits	Description	Estimated Cost	Open to Traffic
Active Transportation Projects	Front St. to W. Hanford	Multi-use path from Front Street to west Hanford	Preliminary Concept Planning	\$25,000	2035
Active Transportation Projects	Home Garden	Sidewalks and crosswalks along the major roads	Preliminary Concept Planning	\$25,000	2035
Active Transportation Projects	Home Garden	Multi-use paths in new developments in the Northwest Growth Area	Preliminary Concept Planning	\$25,000	2035
Active Transportation Projects	10th/Home Avenues	Traffic-calming design for the intersection of 10th/Home Avenues	Preliminary Concept Planning	\$25,000	2035
Active Transportation Projects	Kettleman City	Sidewalks along the major roads in the residential area	Preliminary Concept Planning	\$25,000	2035
Active Transportation Projects	Ninth St	Multi-use path south of Ninth Street between the residential and highway commercial areas	Preliminary Concept Planning	\$25,000	2035
Active Transportation Projects	Stratford	Stratford	Sidewalks along the major roads	\$25,000	2035
Active Transportation Projects	Stratford	Stratford	Multi-use path along 20 ½ Ave. south of 6th St.	\$25,000	2035

Note: Excludes SHOPP and CMAQ Projects

Source: Kings County

The costs for the City of Lemoore are estimated to be \$20,272,600.

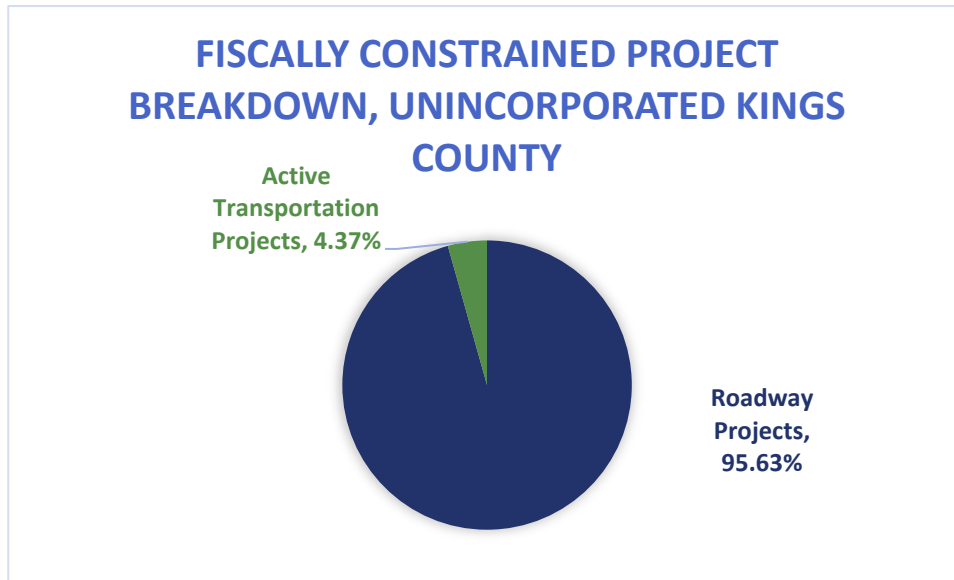


FIGURE 12-12: COST BREAKDOWN BY PROJECT TYPE, KINGS COUNTY

Source: Kings County

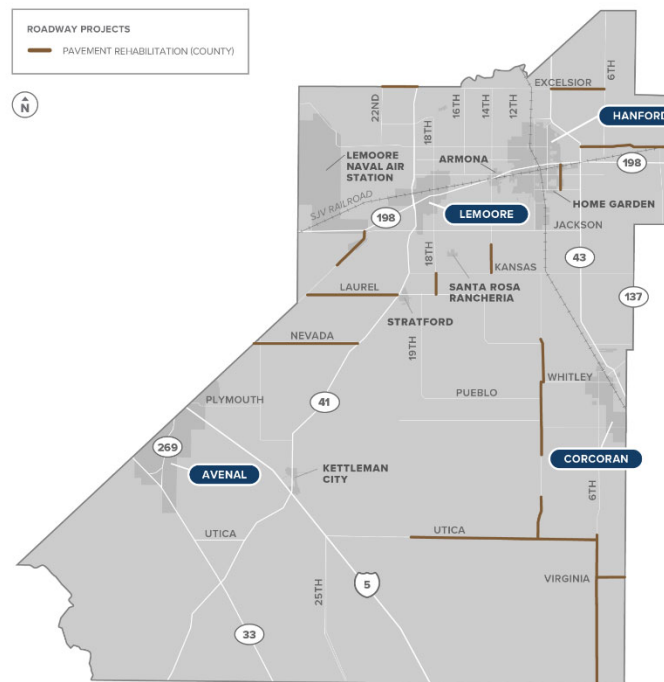


FIGURE 12-13: KINGS COUNTY ROADWAY PROJECT LOCATIONS

Note that only projects in unincorporated areas shown. Pavement Rehabilitation includes chip seal, overlay, and reconstruction.

Source: Kings County

KINGS AREA REGIONAL TRANSIT (KART)

TABLE 12-7: KINGS COUNTY TIER I FINANCIALLY CONSTRAINED PROJECTS

Kings County					
Type	Location	Project Limits	Description	Estimated Cost	Open to Traffic
Transit Projects	New KART Intermodal Station	Transit Capital Program	Construction Regional Multimodal Transit Center	\$31,020,000	2031
Transit Projects	New KART Intermodal Station	Transit Capital Program	Construction Park N Ride Lot	\$800,000	2032
Transit Projects	New KART Intermodal Station	Transit Capital Program	Install Electric Vehicle Chargers (12 EV chargers)	\$180,000	2031
Transit Projects	New KART Intermodal Station	Transit Capital Program	Install Bike Station	\$75,000	2031
Transit Projects	New KART Intermodal Station	Transit Capital Program	Installation of renewable energy (Solar)	\$250,000	2033
Transit Projects	KART Fleet	Transit Capital Program	Purchase Mobility Management Platform	\$60,000	2026
Transit Projects	KART Fleet	Transit Capital Program	Replace CAD/AVL System on Fixed Route Buses	\$300,000	2027
Transit Projects	KART Fleet	Transit Capital Program	Purchase Zero-Emission Vehicles (10)	\$2,500,000	2023
Transit Projects	KART Fleet	Transit Capital Program	Purchase Zero-Emission Buses (15)	\$15,000,000	2024
Transit Projects	KART Fleet	Transit Capital Program	Bus Replacement (CNG) (5)	\$3,000,000	2023
Transit Projects	KART Fleet	Transit Capital Program	Bus Expansion Zero-Emission (4)	\$4,000,000	2026
Transit Projects	New KART Intermodal Station	Transit Capital Program	Construct Zero-Emission Bus Fueling Station	\$10,000,000	2030

Kings County					
Type	Location	Project Limits	Description	Estimated Cost	Open to Traffic
Transit Projects	New KART Intermodal Station	Transit Capital Program	Purchase Zero-Emission Vehicle for Carshare	\$200,000	2025
Transit Projects	New KART Intermodal Station	Transit Capital Program	Purchase Equipment needed for Maintenance of Transit Center	\$150,000	2028
Transit Projects	KART Fleet	Transit Capital Program	New Pressure Washer	\$10,000	2024
Transit Projects	KART Fleet	Transit Capital Program	Replace Forklift	\$21,016	2026
Transit Projects	KART Fleet	Transit Capital Program	Replace Bus Washer	\$31,849	2028
Transit Projects	KART Fleet	Transit Capital Program	Replace Hydraulic Lifts (2 Sets)	\$59,822	2035
Transit Projects	KART Fleet	Transit Capital Program	Replace Scrubber	\$10,101	2027
Transit Projects	KART Fleet	Transit Capital Program	Replace A/C Recovery Machine	\$7,000	2033
Transit Projects	KART Fleet	Transit Capital Program	Replace Tire Changer with Lift	\$16,000	2035

Source: KCAPTA

All projects for KART are considered transit projects. KART improvements total \$67,690,788.

PROGRAM-SPECIFIC LISTS

Short-range state system projects are presented under several programs, including the State Transportation Improvement Program (STIP) and the State Highway Operation and Protection Program (SHOPP). Eligible interregional road system routes and intercity rail routes for the Interregional Transportation Improvement Program (ITIP) under the STIP program are identified in Sections 164.10 through 164.20 of the Streets and Highways Code. Within Kings County, Interstate 5 and State Highways 41 and 198 are specified as eligible routes, along with the *San Joaquins* intercity rail service. These routes are also categorized as high emphasis routes focus routes and gateways, which should be considered a priority for programming improvements in the STIP. Project improvements to meet the concepts of the Strategic Plan for each route are included in the short- and long-range highway plans.

Table 12-8 shows SHOPP program improvements in the County.

The Congestion Mitigation and Air Quality (CMAQ) program prioritizes cost-effective methods of reducing airborne pollutants. Table 12-9 shows CMAQ projects programmed for the next 4 years. Note that except for the KCAPTA park-and-ride project, these funds were not included in the local agency lists above.

TABLE 12-8: KINGS COUNTY 10-YEAR SHOPP LIST

State Route	Location	Main Project Type	Programmed Year	Cost (\$K)
41	In and near Stratford, from 22nd Street to Laurel Avenue at the Kings River Bridge No. 45-0007.	Replace 73-year old bridge due to extensive superstructure and substructure distress and susceptibility to liquefaction.	2021/22	\$28,141
41	Near Kettleman City, from Quail Avenue to Nevada Avenue.	Rehabilitate roadway, upgrade lighting and guardrail, replace signs, construct rumble strips, and install Transportation Management System (TMS) elements.	2022/23	\$23,190
41	Near Kettleman City, from 0.1 mile south to 0.2 mile north of Bernard Drive.	Construct roundabout.	2023/24	\$16,502
41	Near Stratford, from Nevada Avenue to Route 198.	Rehabilitate pavement, replace signs, upgrade guardrail, construct rumble strips, rehabilitate drainage systems, and upgrade facilities to Americans with Disabilities Act (ADA) standards.	2023/24	\$23,400
41	Near Kettleman City, from Kern County line to 0.5 mile south of Route 5.	Rehabilitate pavement, construct rumble strips, and rehabilitate sign structures and drainage systems.	2024/25	\$24,490
198	Exact scope still under development. Likely in/near Armona.	Project will address 26.2 lane miles of pavement, and 12 TMS element(s).	2026/27	TBD

State Route	Location	Main Project Type	Programmed Year	Cost (\$K)
41	Exact scope still under development. Likely near Utica Ave south of Kettleman City.	Project will address 93 drainage system(s).	2026/27	TBD
198	Exact scope still under development. Likely at Avenal Cutoff Road east of Naval Air Station Lemoore.	Project will address 38.8 lane miles of pavement, and 5 TMS element(s).	2028/29	TBD
33	Exact scope still under development. Likely in/near southern Avenal, Salem Ave.	Complete Streets	2028/29	TBD
5	Exact scope still under development. Likely south of SR-41 Interchange.	Project will address 41.8 lane miles of pavement, 8 TMS element(s), and 4 drainage system(s).	2029/30	TBD
41	Exact scope still under development. Likely north of I-5 interchange, near Ward Dr/Kettleman City.	Mobility - ADA	2030/31	TBD

Source: Caltrans SHOPP 10-year Project Book

TABLE 12-9: CMAQ PROJECTS

Jurisdiction	Description	Programmed Year	Cost (\$)
Avenal	In Avenal, At the Avenal Police Department Purchase three (3) solar-powered EV charging stations	22/23	\$155,000
Corcoran	In Corcoran, At the Corp Yard, Purchase a PM 10, PM 2.5 Efficient Street Sweeper	22/23	\$307,000
Kings County	At Various Locations in Kings County, Seal Unpaved Roadways as PM Control Measure - Grouped Project	22/23	\$565,000
Kings County	Near Kettleman City, at SR 41/Bernard Dr. and SR 41/Hubert Way Intersections, Construct Roundabout and Collateral Roadway	23/24	\$1,186,000
Lemoore	In Lemoore, At the Corp. Yard, Purchase a PM 10, PM 2.5 Efficient Street Sweeper	22/23	\$307,000
Various Agencies	Scope: Projects are consistent with 40 CFR Part 93.126 Exempt Tables 2 and Table 3 categories - Bicycle and pedestrian facilities (both motorized and Non-motorized)	22/23-24/25	\$3,996,000
Various Agencies	Scope: Projects are consistent with 40 CFR Part 93.126 Exempt Table 3 categories - Intersection Signalization Projects	22/23-23/24	\$2,263,000
KCAPTA	KCAPTA - In Hanford, at KART Transit Center, Construct Park and Ride Lot	24/25	\$796,000

Source: KCAG

MAJOR CHANGES TO TRANSPORTATION IN KINGS COUNTY

PUBLIC TRANSIT

Most upcoming major changes to transportation in Kings County are in its public transit system. Having outgrown its previous bus station, KART is now building a new Transit Center within Hanford. The location is shown in Figure 12-14.

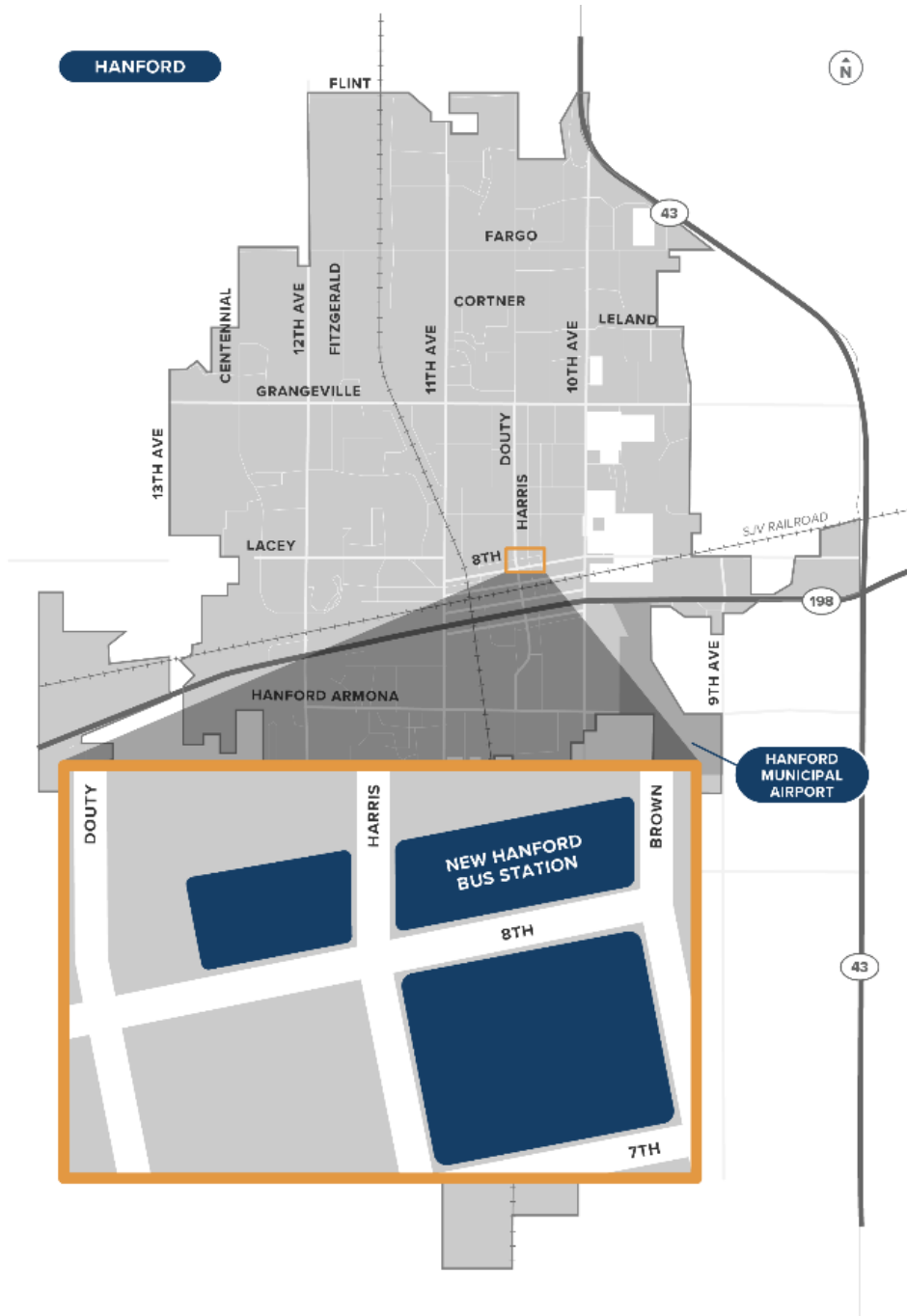


FIGURE 12-14: NEW KART BUS STOP LOCATION

THE FUTURE OF RAIL SERVICE IN KINGS COUNTY

California State Rail Plan

The State of California Department of Transportation Division of Rail has issued its "2018 California State Rail Plan". This Plan developed and implemented a statewide rail blueprint to guide future planning and investment decisions in the near and long term. The State Rail Plan was used as the basis for the SJJPA 2021 Business Plan Update.

Some key objectives of proposed route improvements identified for the San Joaquins Route include:

- Increased passenger train frequencies
- Improving passenger safety systemwide
- Increasing ridership
- Improving multi-modal connectivity
- Increasing the maximum operating speed of conventional passenger trains in all corridor segments from 79 mph to 90 mph
- Installing new infrastructure, such as additional layover or maintenance facilities, to support expansion of future train operations

In order to carry out these objectives, the Plan includes planned investments in four categories:

Track and Signal / Train Control Improvements. Includes double-tracking, additional mainline track, panelized turnouts, improved sidings to support intercity passenger rail service and service connections to the proposed high speed rail system. Improved and additional track could allow top speeds between 79-90 mph.

Grade Crossings. There are over 210 grade crossings that may need to be upgraded to allow the San Joaquins route to operate at speeds in excess of 90 mph, although no specific grade crossing projects have yet been developed.

Bridges. Improvements to existing bridges, increases in bridge capacity, and potentially new bridges.

Station Improvements. Passenger station improvements include new platforms or extensions, covered shelters, lighting, improved bus circulation, and upgrades to passenger vehicle parking and loading areas.

Cross Valley Rail Corridor Plan

In 2016, the Tulare County Association of Governments (TCAG), building off prior regional planning efforts, utilized the High Speed Rail Authority's Station Area Partnership Program to develop the Cross Valley Rail Corridor Plan. That work, done in partnership with KCAG and other regional partners, is a long-term vision for connectivity and transit-oriented development in several cities along the Cross Valley Corridor. The Plan envisions improved intercity bus service and ultimately passenger rail service along an existing freight railroad, connecting cities between Huron, in Fresno

County, and Porterville, in Tulare County. The service would then provide a connection for communities along this route to the proposed Kings/Tulare High Speed Rail (HSR) in Hanford.

The Cross Valley Rail Corridor Plan identifies potential sites and other planning accommodations for passenger rail service, including walkable, mixed-use (residential and commercial uses developed together) communities with easy access to public transit facilities.

Phase I of the Plan completed extensive community engagement to develop a vision for the Cross Valley Rail Corridor, which included options to increase ridership for existing transit services, potential improvements to areas surrounding current transit centers, and the potential to increase housing, businesses, and services with proximity to the future HSR site.

Phase II developed visions of land use and economic development strategies to attract growth to existing city centers and promote development of other communities within the region, evaluated regional transit and transportation facilities and services to facilitate both the planned HSR station and active transportation alternatives. Key conceptual Station Area Plans were developed for the cities of Huron, Lemoore, Hanford, Visalia, Farmersville, Exeter, Lindsay, and Porterville and for Lemoore NAS based upon bus connectivity, common station area strategies, and specific station area strategies unique to each city.

Phase III, released in 2018, provides a detailed report of the findings, recommendations, and strategies for implementation.

South of Merced Integration Study

After consideration of future high speed rail service, the proposed future route of the San Joaquins will terminate in Merced, where passengers will transfer to the high speed rail to Bakersfield. KCAPTA and KCAG have worked in consultation with other governments and governing bodies in the region to develop an updated plan for future services.

Consultation between KCAG, KCAPTA, and other regional governing bodies focused on three objectives: bus connectivity from Corcoran, Hanford, and Wasco to rail service after the loss of the San Joaquins Service, integrating and assisting in implementation of the Cross Valley Rail, and finding complementary regional uses for existing BNSF slots that would no longer be used by the San Joaquins. A visualization of the bus network is available in Chapter 6.

The plan formalizes regional commitments to connectivity via multiple modes, even after the loss of rail service to downtown Hanford and Corcoran.

OTHER CONSIDERATIONS

ALTERNATIVE FUELS/ELECTRIC VEHICLE FACILITIES

In 2020, KCAG led an effort to create an Electric Vehicle Readiness Plan, assessing the ability of jurisdictions to create EV infrastructure within their boundaries. Kings County now hosts one of the world's largest Tesla supercharger facilities, located on both sides of I-5 south of Kettleman City. Local jurisdictions are advancing plans to build additional EV chargers, and growth of charger availability in the County is expected to increase rapidly in the near future.

In specific efforts, the City of Avenal is installing three EV chargers at the city police station using CMAQ funds and the City of Corcoran has won a grant to take a closer look at implementing EV charging citywide. The \$320,479 grant, under the Sustainable Transportation Planning Grant program, will enable the city to better scope the technical details and facility needs for EVs in Corcoran.

INTELLIGENT TRANSPORTATION SYSTEMS

Intelligent Transportation Systems (ITS) is the application of advanced information processing, communications, vehicle sensing, and traffic control technologies to the surface transportation system. The objective of ITS is to promote more efficient use of the existing highway and transportation network, increase safety and mobility, and decrease the environmental impacts of congestion.

The impact of the pandemic has shown the capacity for increased work-from-home. Kings County is following the expansion of broadband in the State closely, particularly the open-source middle-mile broadband program of SB 156, which expects to lay 79 miles of fiber in Kings County. Expanding service in Kings County will decrease VMT by expanding work-from-home options and improve the ability of the county to deploy ITS interventions.