

APPENDIX 3.19-A: CUMULATIVE PLANS AND NON-TRANSPORTATION PROJECTS LIST

Table 1 Merced County Project List

ID	Project Name	Description	Project Type	Status/Timing	Potential unavoidable impacts	Location
1	Liberty Packing Company	Expansion of existing tomato processing facility including expanding several buildings, expanding cooling and settling ponds, 5 small additional buildings, extension of rail spur, expansion of outdoor product storage, and expansion of truck and trailer storage. (Merced County 2014a)	Agricultural Facility	Mitigated negative declaration 01/2014	Agricultural Lands, Air Quality, Water Quality, Noise and Vibration, Transportation	Merced County
2	Antonio Azevedo Dairy Expansion Project	The project consists of the expansion of an existing dairy located approximately two miles west of the community of El Nido in unincorporated Merced County, on the west side of W. El Nido Road and north of Newhall Road. (Merced County 2012a)	Agricultural Facility	FEIR 11/2012	Air Quality, Biological Resources, Greenhouse Gases and Energy, Hazardous Materials and Waste, Hydrology and Water Quality, Land Use Compatibility	Merced County
3	Antonio Brasil Dairy Expansion Project CUP11-010	Proposes to expand the existing dairy to increase it by 4,035 animals from existing numbers. It would also include improvements to the active dairy facility to accommodate the proposed herd increase, including the construction of three (3) new freestalls, a new shade, and 20 new corrals. Construction of the proposed structures would convert approximately 32 acres of existing cropland to active dairy facilities, increasing the area of operation to 85 acres. (Merced County 2013a)	Agricultural Facility	FEIR 02/2010	Air Quality, Biological Resources, Wetlands, Special Status Plant Species, Cultural Resources, Greenhouse Gases, Hazards, Hydrology and Water Quality, Land Use Compatibility	Merced County
4	Bob Borba Dairy Central Expansion	The proposal is to bring the existing dairy facility into compliance with Merced County's permit requirements, and to expand the existing dairy so that the modified dairy would house a total of 4,265-4,590 animals. This would represent an increase of 3,105-3,340 animals from existing numbers. (Merced County 2013b)	Agricultural Facility	FEIR 08/2013	Air Quality, Biological Resources, Wetlands, Special Status Plant Species, Greenhouse Gases, Hazards, Hydrology and Water Quality, Land Use Compatibility	Merced County
5	Guilherme Brasil Dairy Expansion Project	Proposes to expand existing dairy to an increase of 545 animals from existing numbers. Proposed facilities include: two freestall barns and associated corrals; covered maternity and hospital corrals; six corrals; concreting and cover for the feed slab; removal of two diesel generators; installation of power lines to the site and well; and a mechanical separator pad. Additional parcels in the vicinity would continue to be used for the application of manure process water and the growth of forage crops. (Merced County 2010a)	Agricultural Facility	FEIR 11/2010	Land Use, Air Quality, Hydrology and Water Quality, Hazards, Cumulative Impacts	Merced County
6	Homen Dairy Expansion	Proposes to expand the existing dairy to an increase of 4,118 animals from existing numbers, including 1,655 milk cows. The proposal would also include modifications to the active dairy facilities to accommodate the proposed herd increase, mostly within the footprint of the existing dairy facility. The proposed facilities within the existing footprint would include: shade addition; heifer shade; special needs barn; three freestall barns; exercise pen; and addition to the silage slab. A new heifer barn with open corrals would be constructed south of the current production area. (Merced County 2015a)	Agricultural Facility	DEIS 04/2015	Air Quality, Biological Resources, Greenhouse Gas Emissions, Hydrology and Water Quality	Merced County
7	Joe Lourenco Dairy Expansions #2	Proposes to expand the existing dairy so that the modified dairy would house a total of 2,500 animals (1,200 milk cows and 1,300 support stock). This would represent an increase of 1,700 animals from existing numbers. Most of the proposed construction would occur within the existing footprint of the facility on land that has previously been graded for construction of the existing facilities. Additional parcels in the vicinity would continue to be used for the application of manure process water and the growth of forage crops. (Merced County 2008a)	Agricultural Facility	DEIS 12/2008	Land Use Compatibility, Air Quality, Greenhouse Gas Emissions, Hydrology and Water Quality, Hazardous Material	Merced County

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8	Matos Dairy Expansion Project	Proposes an increase of 2,300 animals from existing numbers. The proposed project would include the removal of the existing shade structure and milk barn and the construction of a new milk barn, three new freestall barns, two additions to existing freestall barns, corrals, calf hutches, a sprinkler pen, fresh water basin, hay barn, and a concrete slab. The existing septic system would also be removed and replaced with a new system. New facilities would consist of approximately 229,784 square feet of construction for a total of 346,676 square feet of structures. Construction of the proposed structures would convert approximately 11 acres of agricultural land from field crops and ancillary agricultural uses to active dairy facilities, increasing the area of operation from 27 to 38 acres. (Merced County 2014b)	Agricultural Facility	FEIR 08/2014	Air Quality, Biological Resources, Cultural Resources, Greenhouse Gases and Energy, Hazards, Hydrology and Water Quality, Land Use Compatibility, Traffic and Circulation	Merced County
9	Meirinho Dairy Expansion Project	This project proposes CUP11-012 to bring the existing dairy facility into compliance with Merced County's permit requirements, and to combine the two existing facilities and construct supporting buildings and structures so that the modified dairy would house a total of 11,102 animals. This would represent an increase of 4,182 animals from existing numbers. The proposed dairy expansion project would include improvements to the existing active dairy facility to accommodate the proposed herd increase. (Merced County 2013c)	Agricultural Facility	FEIR 04/2013	Air Quality, Biological Resources, Greenhouse Gases and Energy, Hazards, Hydrology and Water Quality, Land Use Compatibility	Merced County
10	Michael Brasil Dairy Expansion Project	This would represent an increase of 1,015 animals from existing numbers (1,385 existing animals). The proposed project would include construction of a new freestall barn. Construction of the proposed dairy barn would occur north of existing facilities and would convert approximately 7 acres of existing cropland to active dairy facilities. With the proposed expansion, the dairy operator would crop adjacent fields currently rented out for sweet potato production with corn silage, sudan silage, and oat silage, and these fields would be used to apply wastewater; therefore, the acreage of cropland receiving wastewater would increase from 130 acres (existing) to 278 acres (proposed) (Merced County 2010b)	Agricultural Facility	FEIR 12/2010	Biological Resources, Transportation, Hydrology and Water Quality, Air Quality, Energy	Merced County
11	Red Rock Dairy	The proposed dairy project would be constructed on an approximately 130 acres of two larger parcels totaling 851 acres. As proposed, the dairy would result in the construction of facilities over two phases. Phase I would include 2,610 animals, 1 double freestall barn to house the calves and heifers (aged 3-8 months) and dry cows; 6 corrals for heifers; feed storage slab; 2 hay barns; 1 commodity barn; 1 receiving/process pond; 1 manure process water settling basin; and an area for employee housing west or east of the freestall barns (exact locations to be determined). Phase II would include 3,026 animals, 4 double freestall barns to house the milking herd; 1 milking parlor/milk house; 1 hospital barn; 2 hay barns; 1 mechanical manure separator pad with multiple separators; and an area for employee housing west or east of the freestall barns (exact locations to be determined). (Merced County 2007)	Agricultural Facility	DEIS 05/2007	Land Use, Air Quality, Hazards, Biological Resources	Merced County
12	Silveira Brothers Dairy #1 Expansion Project	The existing active dairy facility is located on approximately 52 acres of an existing farm totaling approximately 258 acres on four parcels. Approximately 206 acres of the project site are currently used for the production of crops and the application of manure process water and/or solid manure. Conditional Use Permit CUP13- 008 proposes to expand the existing herd at the dairy from 1,100 to 2,600 milk cows, and an increase of 1,746 animals from existing numbers. The proposed project would not include any modifications to the existing facilities or other construction. (Merced County 2015b)	Agricultural Facility	DEIS 07/2015	Air Quality, Biological, Greenhouse Gases, Energy, Hydrology and Water Quality	The project site is located at the northeast corner of Brazo Road and Santa Fe Grade approximately one mile southeast of the City of Newman in unincorporated Merced County at the Merced/Stanislaus County line.
13	Vierra Dairy Farm Expansion Project	Proposes to bring the existing dairy facility into compliance with Merced County's permit requirements, and to reconfigure the existing dairy so that the modified dairy would house an expanded herd totaling 5,600 animals. This would represent an increase of 2,225 animals from existing numbers. (Merced County 2014c)	Agricultural Facility	FEIS 01/2014	Air Quality, Biological Resources, Cultural Resources, Greenhouse Gases and Energy, Hazards, Hydrology and Water Quality, Traffic and Circulation	Merced County

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14	Hillcrest Dairy Project Conditional Use Permit, CUP 10-005	Bring the existing dairy facilities and dairy herd into compliance with Merced County's permit requirements; there would be no expansion of the dairy herd or facilities with the proposed project. (Merced County 2012b)	Agricultural Facility	FEIS 05/2012	Air Quality, Biological Resources, Hazards, Hydrology and Water Quality, Land Use Compatibility	Merced County
15	John B. Pires Dairy Expansion	Proposes an increase of 1,936 animals from existing numbers. The proposed project would include construction of approximately 120,000 square feet of heifer pens and a cattle shade adjacent to the north edge of the operation. Construction of the proposed structures (in addition to ancillary dirt roadways and operation staging areas) would convert approximately 12 acres of existing cropland to active dairy facilities, increasing the area of operation from 53 to 65 acres. With conversion of these cropped acres, approximately 442 acres of the project site would be used for the production of forage crops and the disposal of wastewater (see DEIR Chapter 3, Project Description). (Merced County 2011a)	Agricultural Facility	FEIS 10/2011	Air Quality, Biological Resources, Greenhouse Gases and Energy, Hazards	Merced County
16	E&J Gallo Winery Eastside	Increase its production capacity to 628,000 tons per year from their existing 538,000 tons per year. The project would include development of the majority of the 33-acre project site location adjacent to the existing production facility on Gallo property. The project is proposed to be constructed in three phases and would install a total of 70 new fermentation tanks, approximately 123 new wine storage tanks, an approximate 10,000-square foot (sf) filtration building, an approximate 45,000 sf bottle-ready processing facility, and an approximate 15,000 square foot administration building. (Merced County 2011b)	Agriculture-Related Facility	MND 12/2011	Air Quality, Agricultural Resources, Aesthetics, Biological Resources, Cultural Resources, Geology and Soils	The project site is located 4.5 miles southwest of the City of Livingston in Merced County.
17	Minturn Huller Cooperative Expansion Project	The Minturn Huller Cooperative Expansion (Cooperative) project would result in the expansion of an existing almond processing operation through the construction of an additional almond hulling and shelling processing plant. The proposed new operation would include a hammer mill, commodity barn, office, auger lines, and warehouse. The expansion would allow the processing of increased volumes of harvested almonds from almond orchards in the area. Assessor's Parcel Number (APN) 068-190-055 (Merced County 2013d)	Agriculture-Related Facility	MND 05/2013	Air Quality, Biological Resources, Cultural Resources, Geology and Soils, Hazards and Hazardous Materials, Hydrology and Water Resources, Land Use Planning, Noise, Transportation, Utilities	The project site is located on the east side of South Minturn Road, immediately north of the Chowchilla River and the Madera County line, and approximately one-mile south of Harvey Pettit Road. The 100-acre project site is located on two parcels in Merced County
18	Long-Term North to South Water Transfer Program	Water districts are approving the Long Term Water Transfers EIS/EIR (SCH No. 2011011010) that analyzes transfers from Butte and other potential sellers from 2015 through 2024; Butte adopted an addendum analyzing transfers during 2015 through 2024 to additional buyers that are members of the State Water Contractors, Inc.; Butte adopted the 2016 Water Transfer Project of up to 11,500 acre-feet of water made available by rice land idling and up to 5,500 acre-feet of water made available by groundwater substitution to participating members of the State Water Contractors, Inc. and/or San Luis & Delta Mendota Water Authority (CEQANET 2016a).	Water Management Plan	NOD 03/28/2016	Hydrology and Water Resources	Colusa, Butte, Glenn, Merced, Placer, Sacramento, Shasta, Solano, Sutter, Tehama, Yolo, or Yuba Counties. The transfer buyers could be in Alameda, Contra Costa, Fresno, Kings, Merced, San Benito, San Joaquin, Santa Clara, or Stanislaus Counties.
19	25-Year Water Transfer Program for the San Joaquin River Exchange Contractors Water Authority (2014–2038)	Water Transfer Agreement with the San Luis & Delta-Mendota Water Authority makes available up to 80,000 acre feet of water conserved through tailwater recapture or other conservation measures for transfer for use by certain members of the San Luis & Delta-Mendota Water Authority for irrigation and M&I purposes. The M&I use is capped at 5,000 acre feet. Transfers are on a year by year basis available during non-critical years when the Exchange Contractors receive full Central Valley Project supplies and are subject to annual approvals. The quantity transferred for irrigation or M&I use cannot exceed full CVP contract supply to the recipient Water Authority members. (CEQANET 2016b)	Water Management Plan	NOD 02/15/2016	Hydrology and Water Resources	Merced County

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20	San Joaquin River Restoration Program – Reach 4B and Eastside Bypass	Reach 4B and Eastside Bypass project consists of incorporating new floodplain and related riparian habitat to ensure conveyance of at least 4,500 cubic feet per second through Reach 4B, modifications to ensure fish passage, and modifications in the Eastside and Mariposa bypass channels to support anadromous fish migration (SJRRP 2018).	Water Project	FONSI for the EA/IS was signed on April 5, 2018	Air Quality, Biological Resources (fish, vegetation, and wildlife), Geology and Soils, Hazards and Hazardous Materials, Hydrology and Water Quality, Noise, and Recreation	Located between the cities of Merced and Los Banos in Merced County on the Eastside Bypass just east of the San Joaquin River.
21	Planada Wastewater Treatment Plant Improvement Project	The Planada Community Services District proposes to upgrade and expand their wastewater treatment plant capacity from 0.53 to 0.75 mgd. The project would also implement a new disposal method. Effluent disposal would consist of evaporation and agricultural reclamation. The current practice of treated effluent discharge to Miles Creek would terminate. (Merced County 2016)	Utility Project	MND 05/08/2006	Hydrology and Water Resources, Recreation, Land Use Planning	Merced County
22	Wright Solar Park Conditional Use Permit Application CUP 12-017	To construct a 200 megawatt solar photovoltaic electric generation facility on thirteen parcels totaling 2,733 acres of agricultural land. Assessor's Parcel Nos. 078-200-026, 078-200-027, 078-200-028, 078-200-030, 078-200-081, 078-200-082, 078-200-083, 088-020-002, 088-020-003, 088-020-038, 088-020-040, 088-020-041, and 088-200-027. (Merced County 2015c)	Solar Project	NOD 03/06/2015	Hydrology, Energy & Utilities, Transportation, Land Use Planning	The project site is located approximately 4.5 miles southeast of Santa Nella, southwest of the intersection of Interstate 5 (I-5) and State Route 33 (SR 33)/State Route 152 (SR 152) interchange, on the south side of Billy Wright Road in Merced County.
23	Cenergy Solar Project	The primary project components include approximately 30,000 pole mounted, fixed tilt solar panels; inverters; transformers; and switchgear. Construction would take place over a 21 week period. Construction activities would be staged from temporary .5-acre area located adjacent to the main 30-acre site. The project would have an anticipated service life of about 30 years. (Merced County 2012c)	Solar Project	CUP 04/30/2012	Aesthetic/Visual, Agricultural Land, Air Quality, Archeological/Historical, Biological Resources, Geological, Noise, Hazards and Wastes, Water Quality and Hydration	The project site is located at 8998 Santa Rita Grade just northwest of the SR 33/SR 152 interchange near the "Dos Palos Y" in south-central Merced County.
24	Pristine Sun, LLC, Solar Energy Generation Facility	This section provides general information regarding the project, including the project title, lead agency and address, contact person, brief description of the project location, general plan land use designation, zoning district, identification of surrounding land uses, and identification of other public agencies whose review, approval, and/or permits may be required. Also listed in this section is a checklist of the environmental factors that are potentially affected by the project. APN 057-010-018. (Merced County 2012d)	Solar Project	CUP 12/2012	Aesthetics, Agricultural Resources, Air Quality, Biological Resources, Cultural Resources, Geology and Soils, Greenhouse Gases, Hazards and Hazardous Materials, Hydrology and Water Resources,	The project site is located at 1219 West Tahoe Street in Merced County.
25	Quinto Solar Photovoltaic Project	Approvals are being requested to construct a 110 megawatt (MW) solar photovoltaic (PV) energy generation facility on the 1,012-acre site. The applicant has requested County approval of a Conditional Use Permit and removal of the project site from the County's Agricultural Preserve. Other discretionary approvals are required. The proposed project would be constructed over a period of about 16 months, starting in summer 2013, with full operation anticipated by late 2014. The proposed project is anticipated to operate for 35 years, during which time the applicant would continue agricultural uses on the property by grazing sheep. After the 35-year service life, the project would be decommissioned and the project site returned to its pre-project condition. (Merced County 2012e)	Solar Project	Revised CEQA Findings of Fact 11/2012	Aesthetics, Agriculture, Air Quality, Biological Resources, Cultural Resources, Geology and Soils, Hazards and Hazardous Materials, Hydrology and Water Quality, Noise, Traffic and Circulation	The project site is located west of I-5, north of SR 152, and one mile northwest of the unincorporated community of Santa Nella in southwestern Merced County.

ID	Project Name	Description	Project Type	Status/Timing	Potential unavoidable impacts	Location
26	Sirius Solar Project	Development of a 1.50-megawatt (MW) solar power generating facility on a currently undeveloped 9.5-acre portion of 23-acres. The facility would consist of 5,400 solar photovoltaic modules mounted on single-axis trackers, three 500-kilowatt inverters, associated transformers and switch gear, power poles, an access road, and perimeter fencing. The project would feed into existing electrical transmission lines and be decommissioned after 20 years of service. Approval of the project would also result in the property being withdrawn from the Agricultural Preserve as a separate action. (Merced County 2014d)	Solar Project	MND 03/2014	Aesthetics, Agriculture Resources, Air Quality, Biological Resources, Cultural Resources, Geology and Soils, Greenhouse Gases, Hazards and Hazardous Materials, Hydrology and Water Quality, Mineral Resources, Noise, Population and Housing, Public Services	The project site is located at 3550 Santa Fe Avenue, Le Grand, east of Plainsburg Road and is bordered by Santa Fe Avenue to the east and East Mission Avenue to the south in Merced County.
27	Sun Harvest Solar Project	The proposed project is a 1.5 megawatt (MW) alternating current (AC) commercial photovoltaic (PV) ground-mounted solar generating energy facility proposed on an eight-acre site on the eastern portion of two adjacent 20-acre parcels that would be feed into the regional electrical grid through a power purchase agreement with PG&E. APNs 085-170-053 and 085-170--054) (Merced County 2013e)	Solar Project	MND 04/2013	Aesthetics, Agriculture, Air Quality, Biological Resources, Cultural Resources, Geology and Soils, Greenhouse Gas Emissions, Hazards and Hazardous Materials, Hydrology and Water Quality,	The project site is located at 8998 Santa Rita Grade north of the City of Dos Palos, just northwest of the SR 33/SR 152 interchange near the "Dos Palos Y" approximately 10 miles east of the City of Los Banos in Merced County.
28	Vassar Solar Project	The applicant has submitted a Conditional Use Permit application for the proposed project. The project would generate a total of about 3.0 MW of electrical power. The power would be purchased by PG&E and fed into the regional electricity grid. Solar panels and associated equipment would be placed within 29.1 acres of the 39.9-acre site. The remaining 10.8 acres at the periphery of the array layout would remain vacant. APN 066-061- 013. (Merced 2013f)	Solar Project	MND 01/2013	Aesthetics, Agriculture and Forest Resources, Air Quality, Biological Resources, Cultural Resources, Geology and Soils, Greenhouse Gas Emissions, Hazards and Hazardous Materials, Hydrology and Water Quality, Land Use and Planning, Mineral Resources, Population and Housing, Public Services, Recreation, Utilities and Service Systems,	The project site is located on the north side of Vassar Avenue approximately 0.5 mile south of the southern city limits of Merced and 700 feet east of State Route 59 (SR 59) (Los Banos Highway) in Merced County.
29	Vega Solar Project	The proposed project consists of the construction and operation of a 20-megawatt alternating current (MW) photovoltaic (PV) electricity-generating facility and associated infrastructure on approximately 178.3 acres in southwestern Merced County. The proposed project is anticipated to operate for 25 years. After the 25-year service life, the project would be decommissioned and the project site returned to its pre-project condition. (Merced County 2013g)	Solar Project	FEIR 11/2013; Construction complete	Aesthetics, Agricultural Resources, Biological Resources, Cultural Resources, Geology Soils and Seismicity, Noise	The project site is located approximately 9 miles southeast of the City of Los Banos on the east and west side of Woo Road in Merced County.
30	George Reed, Inc. Merced Quarry Project and Reclamation Plan	The proposed project is to modify the current Conditional Use Permit No. 2870 (CUP2870) to allow for mining below grade level, into the perched-water zone (to a depth of approximately 25 feet below grade), to operate an asphalt batch plant and a PCC batch plant, and to change the current reclamation plan's end use from agricultural to open space with wildlife and natural-occurring vegetation. The proposed project would also amend the County General Plan land use designation of an approximately 70-acre portion of the property from Snelling RRC No. 1, Residential to Agricultural and to rezone the property from Agricultural Residential (A-R) to General Agricultural (A-1). (Merced County 2009a)	Mining Project	NOP 12/2009	Aesthetics, Agriculture Resources, Air Quality, Biological Resources, Hazards & Hazardous Materials, Hydrology/Water Quality, Noise, Transportation/Traffic, Greenhouse Gas Emissions	The project sites is located south and east of SR 59 and 500 feet west of Snelling Road and 15 miles north of the City of Merced in Merced County.

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31	Jaxon Enterprises	To excavate and process 6 million tons of aggregate by. The Project, as proposed, would include about 267 acres of currently unpermitted area. The total area to be disturbed would be about 357 acres within the 471-acre site, APN 068-020-022, owned by the Applicant. (Merced County 2008b)	Mining Project	FEIR 05/2008	Noise, Transportation	The project site is located at 3000 White Rock Road, Le Grand about 0.25 mile north of Le Grand Road and about four miles northeast of the unincorporated community of Le Grand within portions of Sections 2 and 11, Township 8 South, Range 16 East (USGS Owens Reservoir and Le Grand California 7.5 minute topographic maps) in southeast Merced County.
32	Santa Fe Aggregates Snelling Tailings Project	The Project would remove above grade dredge tailings from an approximate 624-acre Project site, composed of 8 parcels (7 in their entirety, and a portion of an eighth). The properties are under long-term lease by the Applicant from two separate landowners. Of the 624-acre mining area, due to proposed setbacks only about 409 acres would actually be mined. The remaining area would be excluded from mining to accommodate setbacks proposed by the Applicant to minimize potential impacts (e.g., riparian habitat, wetlands). This site would complement the Applicant's other aggregate operations in the region, and would provide a long-term aggregate base rock supply following closure of its adjacent Doolittle site (estimated to close within two to four years) (see Figure 2.0-3, Existing Conditions Aerial Photograph). The proposed post-mining land use for the Project site would be open space. APNs 043-040-024, 043-050-041, 043-050-046, 043-050-007, 043-050-048, 043-050-011, 043-050-008, and (portion of) 043-070-033. (Merced County 2009b)	Mining Project	FEIR 10/2009	Air Quality, Land Use and Planning, Noise and Vibration	The project site is located immediately south and west of the Community of Snelling at the southeast corner of SR 59 and Snelling Road at Township 5 South, Range 14 East, Sections 3, 8, 9, 10, and 16, Mount Diablo Base and Meridian in southeast Merced County.
33	Highway 99 Truck Stop Project at Harvey Pettit Road	The proposed General Plan Amendment No. GPA11-001 would amend the General Plan to establish a Highway Interchange Center (HIC) at the project site by changing the land use designation from Agricultural to Highway Interchange Center Commercial. Zone Change No. ZC11-001 would change the zoning from A-1 (General Agricultural) to H-I-C (Highway Interchange Center). Conditional Use Permit No. CUP11-011 would bring the existing uses on site into conformance with the Zoning Code, and permit the construction of a one-story tire repair shop and the re-opening of the existing restaurant. With the establishment of the HIC General Plan land use designation and acquisition of proper zoning and permits, the existing truck stop facilities would be in conformance with Merced County zoning and land use requirements. The H-I-C boundary would match the boundary of the existing truck stop and would not include any productive agricultural land. (Merced County 2012f)	Commercial Development Project	IS 12/2012	None	The project site is located approximately four miles northwest of the City of Chowchilla and five miles southwest of the community of Le Grand in Merced County.
34	Templo La Hermosa Project	The project applicant has applied for Conditional Use Permit CUP11-005 from Merced County to construct a one-story, 10,620-square-foot church facility. The proposed church facility would be located on a new parcel that would consist of 5.25 acres. The new parcel would result from the combination of portions of two existing parcels (APNs 061-330-029 and 061-330-030). The project applicant currently owns APN 061-330-029 (±4.78 acres). (Merced County 2012g)	New Church Development Project	IS/MND 12/2012	None	The project site is approximately 3.5 miles east of the City of Merced and approximately 5.5 miles west of the community of Planada in Merced County,
35	Buena Vista I Subdivision	The proposed project is a rezone and Major Subdivision Application for, and the development of, a 45.7-acre residential subdivision consisting of 211 single-family residential lots ranging from 5,000 to 6,000 square feet in size, a 2.21-acre park, and a 14.3-acre business park. (Merced County 2015d)	Residential Development Project	FEIR 01/2015	Aesthetics; Agricultural Resources; Global Climate Change; Hydrology and Water Quality; Noise; Population and Housing; Public Services, Utilities, and Recreation	The proposed project is located to the east of the City of Merced in southeastern Merced County. The proposed project site is bounded by Plainsburg Road, Childs Avenue, the Burlington Northern Santa Fe (Railroad line to the north, and agricultural lands on the west.

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36	Overland Courts	The project proposes 69 senior rentable units, 56 as one bedroom one bathroom at approximately 651 to 657 sf and 13 units as two bedroom one bathroom at approximately 769 sf, all are single story. Additionally, the Project proposes a community building of approximately 2,250 sf with a two bedroom manager unit over, a pool and open lawn area. The project would be providing 101 parking stalls measuring 9' x 19' with 70 of those being covered. (City of Los Banos 2013: 126)	Residential Development Project	NOD 06/2013	None	City of Los Banos
37	Planada 15 Subdivision	15.6 acres, 72 lot residential subdivision with 4 public use lots; zoning change from light industrial and R-1 to R-1-5000. (Merced County 2016)	Residential Development Project	NOP 03/2016	Land Use, Agriculture, Transportation and Circulation, Air Quality, Climate Change, Noise, Utilities	Approximately 15.6 acres located east of the southwest corner of Childs Avenue and Santa Fe Avenue have been redesignated from Medium Density Residential to Low Density Residential to accommodate a low-income housing project.
38	Yosemite Ranch Estates	Single-family and multifamily (approximately 2,500 units), 4 acres commercial, cancer center office. (Merced County 2008c)	Residential Development Project	Partially Developed	Biological Resources	Located along Le Grand Road approximately eight (8) miles east of SR 99 and fifteen (15) miles southeast of the City of Merced.
39	Castle Airport Land Use Compatibility Plan	Updates the 2009 Master Plan for Castle Airport with new information. (Merced County 2011c)	Land Use Plan	04/2011	Not applicable	Castle Airport lies in the heart of the San Joaquin Valley, centrally located in Merced County approximately 2.5 miles northeast of the City of Atwater, 6 miles northwest of the City of Merced and 15 miles southeast of the City of Turlock
40	Turlock Municipal Airport Land Use Compatibility Plan	(Merced County Airport Land Use Commission 2012)	Land Use Plan		Not applicable	
41	Gustine Municipal Airport Land Use Compatibility Plan	(Merced County Airport Land Use Commission 2012)	Land Use Plan		Not applicable	
42	Le Grand Community Plan	(Merced County Airport Land Use Commission 2012)	Land Use Plan			
43	Los Banos Municipal Airport Land Use Compatibility Plan	(Merced County Airport Land Use Commission 2012)	Land Use Plan	07/2012		
44	Planada Community Plan Update	The proposed Planada Community Plan Update would serve as the long-range vision and land use strategy plan for guiding development within the unincorporated Community of Planada in Merced County. The Update to the 2003 Planada Community Plan would revise several internal features of the Plan rather than change the Community growth boundaries or propose additional development. (Merced County 2016)	Land Use Plan	NOP 03/2016	Not applicable	Planada is an unincorporated community located in Merced County, approximately 4 miles east of the City of Merced.
45	Redevelopment Plan for the Castle Airport Aviation and Development Center	The Redevelopment Plan satisfy local community needs by replacing previously lost jobs and revenue with new economic opportunities. (Merced County 2006)	Land Use Plan	FEIS 12/2007	Aesthetics, Air Quality, Hazards and Hazardous Materials, Hydrology and Water Quality, Noise, Land Use and Planning, Population and Housing, Public Services and Utilities, Transportation	The CAADC is located approximately 7 miles northwest of the City of Merced and approximately 66 miles northwest of the City of Fresno in the northeastern San Joaquin Valley in Central California.

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46	San Luis Reservoir State Recreation Area Resource Management Plan / General Plan	The Resource Management Plan and General Plan (RMP/GP) addresses resource management alternatives for the Plan Area as appropriate for water quality and for natural, cultural, and recreational resource management opportunities. (USBR 2014)	Resource Management/Land Use Plan	ROD 11/2013	Water Quality, Biological Resources, Water Quality and Supply, Recreation, Cultural Resources	Includes surfaces of San Luis Reservoir, O'Neill Forebay, Los Banos Creek Reservoir, and adjacent recreation lands.
47	George Simmons Minor Subdivision & Don Chapin Company Concrete Batch Plant Project	Minor subdivision (26.9 acres) to be sold for future industrial and commercial development. Construct a batch plant, bulk cement storage silos, portable cement silo, storage and fuel tanks, casting area, pump house, truck wash area, related collection facilities, and parking area. (Merced County 2014e)	Industrial Project	FEIS 12/2014	Aesthetics, Agricultural Land, Air Quality, Cultural Resources, Biological Resources, Drainage/Absorption, Noise, Septic System, Soil, Traffic, Vegetation, Water Quality, Water Supply, Wetland/Riparian, Land Use, Cumulative Effects	Volta Road and Ingomar Grade in Merced County
48	Wilson-Le Grand 115 kV Reconductoring Project	Upgrades needed to meet grid reliability requirements, projects that could bring economic benefits to consumers, and projects needed for policy reasons such as to meet California's 33 percent renewables target by 2020 (CEC 2016).	Transmission Project	Expected In-Service Date: 2020	Not applicable	Merced County
49	Highway 59 Landfill Valley Fill Project	The Merced County Regional Waste Management Authority (RWA) proposes an expansion project at the Highway 59 landfill which would extend the life of the landfill by approximately 15 years and design capacity by 6,857,000 cubic yards (19%) without expanding the facility boundary (MCAG 2016).	Utility Project	FEIR 05/19/2016	Transportation	Merced County

CUP = conditional use permit
LLC = limited liability corporation
Inc. = incorporated
EIR = environmental impact report

Table 2 Madera County Project List

ID	Project Name	Description	Project Type	Status/Timing	Potential unavoidable impacts	Location
1	Water Well and Pipeline to Wastewater Treatment Plant	N/A	Utility Project	N/A	N/A	N/A
2	CUP #2009-004 Fairmead Landfill Expansion	To allow for the vertical expansion of the Fairmead Landfill and allow for a Landfill Gas to Energy System (Madera County 2009)	Utility Project	A Mitigated Negative Declaration (MND #2009-06) has been prepared and is subject to Planning Commission approval	Agricultural Lands, Transportation, Safety and Security, Land Use, Utilities and Energy, Air Quality and Global Climate Change.	Northeast corner of the intersection of Road 19 and Avenue 21 ½ (21739 Road 19), Chowchilla
3	Lotus Solar Farm	41 MB 8ME, LLC is proposing to install a solar energy facility that would allow up to 90 MW of power generation (Madera County 2015a).	Solar Project	Mitigated Negative Declaration (MND #2012-013) was approved on October 2, 2012. Received a second one-year time extension for the conditional use permit in October, 2015	Aesthetics and Visual Quality, Agricultural Lands, Air Quality and Global Climate Change	North of the intersection of Road 33, Avenue 13, Madera
4	Central California Women's Facility Chowchilla Solar Project	To construct a solar energy system at the facility which would provide anticipated grid peak load savings of 3,000 MW.	Solar Project	CCWF proposed, submitted, and approved a solar energy system. It had not been constructed as of 2011 due to lack of funding	Aesthetics and Visual Quality, Agricultural Lands, Air Quality and Global Climate Change	23370 Road 22, Chowchilla, CA 93610
5	South Fork Wastewater Facilities Planning	The Sewer System Facilities Planning Report evaluated South Fork's wastewater facilities from the perspective of resolving the facilities problems and regulatory violations. The report addressed water quality issues and proposed wastewater system improvements and their costs (Madera County 2010 [2012])	Utility Project	The Madera County Board approved Sewer System Planning Report on March 12, 2013	Air Quality and Global Climate Change, Utilities and Energy, Biological Resources, Hydrology and Water Resources, Geological Resources	The unincorporated community of South Fork lies directly east of County Maintenance District No. 8A on Road 225 in the mountains of the eastern Madera County.
6	Storage and Conveyance of Non-Project Water in Friant Division and Hidden Unit Facilities, 2013–2043	The District requests approval of storage and conveyance of up to 25,000 of non-CVP water in Friant Division facilities, and/or storage of up to 26,000 of non-CVP water at any one time in Hidden Unit facilities. The District also requests and additional point of delivery of up to 500 of non-CVP water to be delivered to Fresno County Water Works #18 facilities for ultimate delivery to Table Mountain Rancheria (USBR 2014)	Water Project	FONSI for the EA was signed on January 31, 2014	Socioeconomic Resources, Air Quality and Global Climate Change.	Friant Division and Hidden Unit Facilities, Madera County.
7	Chowchilla Water District Annexation 2012-01	The project comprises the annexation of two areas of existing agricultural property to the District, one area in Madera County and one area in Merced County. The annexation of the property would allow for the distribution of irrigation water to new parcels of land.	Water Project	The Chowchilla Water District Board voted on June 13, 2012 to adopt a negative declaration of the project	Air Quality and Global Climate Change, Utilities and Energy, Biological Resources, Hydrology and Water Resources, Geological Resources	Sections 29 & 30, T8S, R17E. Parcels are on north of Buchanan Hollow Road and on either side of Baxter Road, approximately 806.9 acres.
8	Road 16 Pipeline Project	Installation of 920 feet of pipe for storm drainage to an existing City drainage basin. (Authority and FRA 2012a)	Water Project		No impacts as described in the environmental checklist.	Road 16 right-of-way (south of 5 th Street) southward from Avenue 25.
9	Storage and Conveyance of Non-Project Water in Friant Division and Hidden Unit Facilities, 2013–2043	The District requests approval of storage and conveyance of up to 25,000 of non-CVP water in Friant Division facilities, and/or storage of up to 26,000 of non-CVP water at any one time in Hidden Unit facilities. The District also requests and additional point of delivery of up to 500 of non-CVP water to be delivered to Fresno County Water Works #18 facilities for ultimate delivery to Table Mountain Rancheria (USBR 2014)	Water Project	FONSI for the EA was signed on January 31, 2014	Socioeconomic Resources, Air Quality and Global Climate Change.	Friant Division and Hidden Unit Facilities, Madera County.

ID	Project Name	Description	Project Type	Status/Timing	Potential unavoidable impacts	Location
10	San Joaquin River Restoration Program—SCARF and Related Management Actions Project	This program is a comprehensive long-term effort to restore flows to the San Joaquin River from Friant Dam to the confluence of Merced River and restore a self-sustaining Chinook salmon fishery in the river while reducing or avoiding adverse water supply impacts from restoration flows (USBR 2012)	Water Project	ROD signed September 28, 2012	Air Quality and Global Climate Change, Transportation, Noise and Vibration, Biological Resources, Hydrology and Water Resources, Geological Resources, Land Use, Agricultural Lands, Parks and Recreation.	Area between the Friant Dam and the confluence of the Merced River.
11	San Joaquin River Restoration Program – Mendota Pool Bypass and Reach 2B Improvements	The project includes the construction, operation, and maintenance of the Mendota Pool Bypass and improvements including the operation and maintenance of the San Joaquin River channel to allow Reach 2B to convey at least 4,500 cubic feet per second (USBR 2016).	Water Project	ROD signed on October 28, 2016	Air Quality, Cultural Resources, Transportation, Agricultural Lands, Socioeconomics	Portion of the San Joaquin River in Fresno and Madera Counties, extending from approximately 0.3 mile above the Chowchilla Bifurcation Structure to 1 mile below the Mendota Dam.
12	San Joaquin River Restoration Program – Arroyo Canal and Sack Dam	The Department of Interior's Bureau of Reclamation and the Henry Miller Reclamation District No. 2131 are working to install a fish screen on the Arroyo Canal to prevent entrainment of juvenile Chinook salmon in the canal and modify Sack Dam to allow for fish passage around the structure. Sack Dam is located on the San Joaquin River in the western region of the San Joaquin Valley and is Henry Miller Reclamation District's sole diversion for delivering irrigation water into the Arroyo Canal (USBR 2013a).	Water Project	FONSI for the Final EA/IS was signed on September 4, 2013	Aesthetics, Air Quality and Greenhouse Gases, Biological Resources (fish, terrestrial, vegetation, and wetlands), Cultural Resources, Geology and Soils, Hazardous Materials and Public Health Hazards, Public Services and Utilities, Transportation and Traffic, Water Resources	Located in Fresno and Madera Counties, about seven miles southeast of Dos Palos.
13	One-Year Extension of the San Joaquin River Agreement in 2011	The objective of the proposed project is to continue providing water supply for the Vernalis Adaptive Management Program (VAMP) by extending the San Joaquin River Agreement one year through 2011 for the purpose of completing the VAMP as authorized under State Water Resources Control Board Water Rights Decision 1641 (D-1641) (San Joaquin River Group Authority 2011).	Water Project	Published the Negative Declaration for one-year extension in January 2011, negative declaration adopted on March 17, 2011	Hydrology and Water Resources, Biological Resources, Land Use, Cultural Resources, Parks and Recreation, Public Utilities and Energy, Environmental Justice.	The Project Area is comprised of portions of the Stanislaus, Tuolumne, and Merced rivers and the San Joaquin River from Modota Pool to Vernalis.
14	Drought Emergency Grant Funding Request for Madera County MD#33-Fairmead	The proposal is to temporarily equip an existing test well with a temporary pump and above-ground piping to the existing storage tank, and removal and evaluation of the existing pump at Well No. 1 (State Water Resources Control Board 2015).	Water Project	Statutory exemption from CEQA signed on January 7, 2015	Air Quality and Global Climate Change, Transportation, Noise and Vibration, Hydrology and Water Resources.	In the vicinity of the community of Fairmead, Madera County.
15	25-Year Water Transfer Program for the San Joaquin River Exchange Contractors Water Authority (2014–2038)	The proposed program is to develop supplemental water supplies from willing seller agencies within the Exchange Contractors' service area through water conservation measures/tailwater recovery and crop idling/fallowing activities consistent with agency policies (USBR 2013b).	Water Project	ROD signed on July 30, 2013	Hydrology and Water Resources, Biological Resources, Land Use, Agricultural Lands, Socioeconomics, Environmental Justice, Air Quality and Global Climate Change.	San Joaquin River.
16	Austin Quarry (EIR)	Vulcan Materials Company proposes to develop a hard rock quarry and associated operations in Madera County (Madera County 2016).	Mining Project	Madera County released a notice of public hearing on the certification of the FEIR on July 19, 2016.	Aesthetics and Visual Resources, Air Quality and Global Climate Change, Biological Resources, Cultural Resources, Geological and Soil Resources, Hazards and Hazardous Materials, Hydrology and Water Resources, Noise and Vibration, Transportation.	Unincorporated Madera County, southwest SR 41/SR 145.

ID	Project Name	Description	Project Type	Status/Timing	Potential unavoidable impacts	Location
17	Madera Ranch Quarry	The project includes development of a new 78-acre hard rock quarry that would mine 900,000 tons of aggregate annually for 40 years. The project will also include the alignment and widening of Road 209 and improvements to the Road 209/State Highway 41 intersection, as well as the permanent preservation and management of Habitat Management lands to offset the Project Related impacts.	Mining Project	Notice of Determination published on June 17, 2013	Aesthetics and Visual Resources, Air Quality and Global Climate Change, Biological Resources, Cultural Resources, Geological and Soil Resources, Hazards and Hazardous Materials, Hydrology and Water Resources, Noise and Vibration, Transportation.	County Road 209 and Road 406 in Madera County
18	North Fork Mill Site Subdivision	The North Fork Community Development Council is requesting two tentative subdivision maps, a general plan amendment, and rezoning from heavy industrial to a Planned Development District for 113 acres on North Fork's old mill site (Wilkinson 2015).	Development Project	The North Fork CDC issued an RFP on February 26, 2015	Aesthetics and Visual Resources, Air Quality and Global Climate Change, Geological and Soil Resources, Hazards and Hazardous Materials, Noise and Vibration, Transportation.	30 miles south of Yosemite National Park and 50 miles north of Fresno.
19	North Fork Rancheria of Mono Indians Fee-to-Trust Casino/ Hotel Project	The proposed action includes the trust acquisition for gaming purposes and the approval by the National Indian Gaming Commission of a gaming management contract between SC Madera Management LLC and the Tribe. Includes taking 7 parcels totaling 305 acres into Federal trust and to develop a casino and hotel resort, parking structure, and associated facilities (BIA 2012).	Development Project	Record of Decision signed in November 2012	Land Use, Hydrology and Water Resources, Air Quality and Global Climate Change, Biological Resources, Cultural Resources, Geological and Paleontological Resources, Socioeconomics.	Southwest Madera County, just north of the City of Madera and adjacent to SR 99.
20	Foxglove Shopping Center Project	A request for approval of a site plan review and various conditional use permits in support of the proposed development of a retail shopping center (City of Madera 2013).	Development Project	Final EIR published on February 1, 2013	Socioeconomics	Southeast corner of Schnoor Avenue and Foxglove Way.
21	Southeast Madera Development Project	The property would be developed as a 289 acre Master Planned Community that would include residential, commercial and open space uses developed around an existing elementary school (CEQAnet 2016c).	Development Project	Notice of Determinations on October 10, 2010	Agricultural Lands, Air Quality and Global Climate Change, Noise and Vibration, Transportation.	Freeway 99 at Pecan Avenue in the City of Madera.
22	Northshore at Millerton Lake (North Fork Village)	The plan proposes a development of a comprehensive planned conversion of 2,238 acres site to urban uses. The planned community as proposed would consist of 1,437 acres of rural to high density residential units, 172 acres of commercial and mixed use and 629 acres of major open space (CEQAnet 2016d)	Development Project	Final EIR published on 7/15/2008, Notice of Determination issued on 10/9/2014 from the CA Department of Fish and Wildlife to execute a Lake and Streambed Alteration Agreement	Aesthetic and Visual Resources, Agricultural Lands, Air Quality and Climate Change, Minerals, Noise and Vibration, Parks and Recreation, Transportation, Hydrology and Water Resources, Land Use.	Friant Road 206/Road 145
23	Tra Vigne Subdivision	A proposal to include a 432-lot residential subdivision, outlots with locations for a community shopping center and a community center, open space areas, and a community park with a stormwater retention basin (County of Madera 2015b).	Development Project	Partially Recirculated Draft EIR published July 15, 2015	Air Quality and Global Climate Change, Biological Resources, Hydrology and Water Resources, Transportation, Public Utilities and Energy.	Southeastern Madera County, approximately 16 miles east of downtown Madera and 14 miles north of downtown Fresno.
24	Sierra Meadows Subdivision	The proposed Sierra Meadows Estates Planned Residential Development Project involves buildout of 315 single-family residential lots and necessary infrastructure to support the development (Madera County 2007)	Development Project	Final EIR published December 2007	Land Use, Aesthetics and Visual Resources, Transportation, Safety/Security, Air Quality and Global Climate Change, Noise and Vibration, Biological Resources, Cultural Resources, Geological and Paleontological Resources, Hydrology and Water Resources, Public Services and Utilities,	Unincorporated area of eastern Madera County near the southeast border of Mariposa County, along Opah Drive, approximately 0.75 mile north of its intersection with Harmony Lane.

ID	Project Name	Description	Project Type	Status/Timing	Potential unavoidable impacts	Location
25	Madera Town Center	Ave 17 and SR 99, 850,000-sf shopping center. (Authority and FRA 2012a)	Development Project	EIR complete. As of February 2018, no development had occurred. (City of Madera Planning Commission 2018)	Land Use, Aesthetics and Visual Resources, Transportation, Safety/Security, Air Quality and Global Climate Change, Noise and Vibration, Geological and Soil Resources, Socioeconomics.	Northeast corner of the intersection of Avenue 17 and Freeway 99.
26	Fresno River Trail System Undercrossings at Schnoor Avenue Bridge	The project proposes the construction of trail undercrossings on both the south and north bank of the Fresno River at the Schnoor Avenue Bridge (CEQAnet 2016e).	Recreation Project	Notice of Determination published on January 13, 2012	Aesthetic and Visual Resources, Agricultural Lands, Air Quality and Global Climate Change, Geological and Paleontological Resources, Noise and Vibration, Public Services and Utilities, Transportation.	Schnoor Ave and Trevor Way
27	Gateway Village Specific Plan	A development of a comprehensive planned conversion of 2,062-acres site to urban uses (CEQAnet 2016f).	Land Use Plan	Final EIR published on May 14, 2007	Agricultural Lands, Air Quality and Global Climate Change, Land Use, Minerals, Noise and Vibration, Public Services and Utilities, Hazards, Transportation, Hydrology and Water Resources.	Avenue 10 and Highway 41, Avenue 13 and Road 40 in Madera County.
28	Gunner Ranch West Specific Plan	The plan would contain residential, mixed-use and non-residential, medical campus, medical office buildings, Children's Hospital, and community services (CEQAnet 2016g).	Land Use Plan	Notice of Determination published on July 21, 2014	Agricultural Lands, Air Quality and Global Climate Change, Land Use, Minerals, Noise and Vibration, Public Services and Utilities, Hazards, Transportation, Hydrology and Water Resources.	Children's Boulevard and Road 40 ½.
29	Liberty Groves Area Plan and Specific Plan	The project includes a request for a general plan amendment to the Liberty Groves Area Plan, Specific plan, including zoning, infrastructure master plan, and development agreement (Madera County 2011)	Land Use Plan	Notice extending comment period and second scoping meeting published July 11, 2011	Aesthetics and Visual Resources, Agricultural Lands, Air Quality and Global Climate Change, Biological Resources, Cultural Resources, Geological and Soil Resources, Hazards, Land Use, Mineral Resources, Noise and Vibration, Public Services and Utilities, Recreation and Parks, Transportation.	West of Liberty High School along Avenue 12 and abuts existing development within the Madera Ranchos community in Madera County.
30	Madera County 2016 - 2024 Housing Element Update	The Housing Element is intended to provide public officials, residents, and the general public with an understanding of the county's housing needs and goals, policies, and programs to be implemented to help meet those needs. (Madera County 2015c)	Land Use Plan	Plan adopted November 3, 2015	Land Use, Transportation, Parks and Recreation, Cultural Resources, Agricultural Lands, Safety/Security, Air Quality and Global Climate Change, Noise and Vibration.	Madera County
31	Raymond Area Plan	The plan intends to further refine the vision, goals, policies, and actions of Madera County's plan by establishing area-specific goals and polices to guide land use patterns in the Planning Area (CEQAnet 2016h).	Land Use Plan	Mitigated Negative Declaration published September 22, 2008	Aesthetics and Visual Resources, Agricultural Land, Air Quality and Global Climate Change, Biological Resources, Socioeconomics, Geologic and Seismic Resources, Minerals, Noise and Vibration, Public Services and Utilities, Parks and Recreation, Hazards, Transportation, Biological Resources, Hydrology and Water Resources, Land Use.	Madera County

ID	Project Name	Description	Project Type	Status/Timing	Potential unavoidable impacts	Location
32	San Joaquin Ranch Specific Plan	Proposed development of mixed residential, commercial, open space, and institutional lands totaling 3,795 acres.	Land Use Plan	This is part of the southeast Madera County Plan which was published on April 19, 2010	Aesthetics and Visual Resources, Agricultural Lands, Air Quality and Global Climate Change, Biological Resources, Cultural Resources, Geological and Soil Resources, Hazards, Land Use, Mineral Resources, Noise and Vibration, Public Services and Utilities, Recreation and Parks, Transportation.	Madera County
33	Shaw Specific Plan	Proposed development of mixed residential, commercial, and institutional lands totaling 215 acres.	Land Use Plan	This is part of the southeast Madera County Plan which was published on April 19, 2010	Air Quality and Global Climate Change, Hydrology and Water Resources, Socioeconomics, Environmental Justice, Biological Resources, Agricultural Lands.	Madera County
34	Tatham Specific Plan	Proposed development of mixed residential, commercial, open space, and institutional lands totaling 1,250 acres.	Land Use Plan	This is part of the southeast Madera County Plan which was published on April 19, 2010	Aesthetics and Visual Resources, Agricultural Lands, Air Quality and Global Climate Change, Biological Resources, Cultural Resources, Geological and Soil Resources, Hazards, Land Use, Mineral Resources, Noise and Vibration, Public Services and Utilities, Recreation and Parks, Transportation.	Madera County
35	Tesoro Viejo Specific Plan	The proposed project would involve development of a property known locally as the Peck Ranch that is part of the Rio Mesa Area Plan. Tesoro Viejo will encompass all the area designated in the Rio Mesa Area Plan as the Rio Mesa Community or Core Village (CEQAnet 2016i).	Land Use Plan	Plan adopted November 5, 2012	Aesthetics and Visual Resources, Agricultural Land, Air Quality and Global Climate Change, Biological Resources, Socioeconomics, Geologic and Seismic Resources, Minerals, Noise and Vibration, Public Services and Utilities, Parks and Recreation, Hazards, Transportation, Biological Resources, Hydrology and Water Resources, Land Use.	Madera County, Township 11S, Range 20E
36	Ventana Specific Plan	The project consists of a General Plan Amendment Specific Plan Adoption, Precise Plan, Rezoning, and Tentative Subdivision Map (CEQAnet 2016j).	Land Use Plan	The notice of determination was published on March 16, 2007	Agricultural Land, Air Quality and Visual Resources, Biological Resources, Hazards, Land Use, Geologic and Seismic Resources, Minerals, Noise and Vibration, Public Services and Utilities, Parks and Recreation, Soil Resources, Transportation, Hydrology and Water Resources.	SR 99, proposed Hazel Avenue extension, road 28 ¼, Madera County.
37	2040 General Plan and the Rancho Calera Specific Plan (formerly Greenhills Lakes Specific Plan)	The project is an update of the City of Chowchilla's General Plan and proposes to expand the City's present General Plan Planning Area and Sphere of Influence boundaries as well as the City's infrastructure master plans to accommodate growth anticipated within the 30 year time frame of the General Plan (CEQAnet 2016k).	Land Use Plan	The notice of determination was published on May 5, 2011	Agricultural Land, Air Quality and Visual Resources, Biological Resources, Hazards, Land Use, Geologic and Seismic Resources, Minerals, Noise and Vibration, Public Services and Utilities, Parks and Recreation, Soil Resources, Transportation, Hydrology and Water Resources.	Robertson Boulevard/SR 99, City of Chowchilla.

ID	Project Name	Description	Project Type	Status/Timing	Potential unavoidable impacts	Location
38	Southeast Madera County Area Plan	Five major developments are currently proposed within the planning area, three of which are larger than 1,000 acres in size.	Land Use Plan	The public review draft of the plan was published on April 19, 2010	Aesthetics and Visual Resources, Agricultural Lands, Air Quality and Global Climate Change, Biological Resources, Cultural Resources, Geological and Soil Resources, Hazards, Land Use, Mineral Resources, Noise and Vibration, Public Services and Utilities, Recreation and Parks, Transportation.	Southeast Madera County.
39	City of Madera General Plan Update	The proposed project is the adoption and implementation of an updated City of Madera General Plan. The last comprehensive update of the City of Madera General Plan was in 1992. The General Plan update will allow the community to establish its long-term vision for the future.	Land Use Plan	The notice of determination was published on October 8, 2009	Aesthetics and Visual Resources, Agricultural Lands, Air Quality and Global Climate Change, Biological Resources, Cultural Resources, Geological and Soil Resources, Hazards, Land Use, Mineral Resources, Noise and Vibration, Public Services and Utilities, Recreation and Parks, Transportation.	City of Madera
41	City of Chowchilla 2040 General Plan Housing Element	The Housing Element is intended to provide public officials, residents, and the general public with an understanding of the county's housing needs and goals, policies, and programs to be implemented to help meet those needs (City of Chowchilla 2011).	Land Use Plan	The housing element was adopted in 2009	Land Use, Transportation, Parks and Recreation, Cultural Resources, Agricultural Lands, Safety/Security, Air Quality and Global Climate Change, Noise and Vibration.	City of Chowchilla.
42	River West-Madera Master Plan	The plan outlines the creation of a dynamic open space sanctuary in the heart of the San Joaquin River Parkway, balancing recreation and preservation of the Parkway's outstanding biological and cultural resources (CEQAnet 2016l).	Land Use Plan	Plan published on August 14, 2012	Parks and Recreation, Biological Resources, Hydrology and Water Resources, Cultural Resources.	The San Joaquin River corridor stretching from Friant Dam to Highway 99.
43	Fairmead Colony Area Plan	The plan is a refined land use constitution for the community of Fairmead and surrounding environs, providing policies that address issues specifically pertaining to the Fairmead area (Madera County 2012)	Land Use Plan	Plan adopted in 2011	Land Use, Agricultural Lands, Socioeconomics, Environmental Justice, Safety/Security, Hydrology and Water Resources, Biological Resources, Cultural Resources, Noise and Vibration.	State Highway 99, just south of the intersection of Highway 99 and Highway 152.
44	PG&E Manufactured Gas Plant SQ-VQ Merced	Proposal to approve a Removal Action Workplan pursuant to regulatory authority (CEQAnet 2016m).	Industrial Facility	The notice of determination was published on May 28, 2014	Aesthetic and Visual Resources, Agricultural Land, Air Quality and Global Climate Change, Noise and Vibration, Socioeconomics, Hazards, Geologic and Seismic Resources, Public Services and Utilities, Parks and Recreation, Cultural Resources, Soil Resources.	15 th & M Streets; Canal & 14 th Street. City of Merced.
45	Chowchilla Elementary School District 2017-2037 Long Rang Facilities Master Plan	The Chowchilla Elementary School District proposes the closure of Fairmead Elementary School by 2022 due to the high transportation and facility costs associated with transporting students to Fairmead.	School District Facilities Master Plan	Anticipated closure by 2022	N/A	Community of Fairmead

CUP = conditional use permit
SCARF = Salmon Conservation and Research Facility
EIR = environmental impact report
PG&E = Pacific Gas and Electric Company

Table 3 Stanislaus County Project List

ID	Project Name	Description	Project Type	Status/Timing	Potential unavoidable impacts	Location
1	Warnerville - Bellota 230 kV Reconductoring Project	Upgrades needed to meet grid reliability requirements, projects that could bring economic benefits to consumers, and projects needed for policy reasons such as to meet California’s 33 percent renewables target by 2020. (CEC 2016)	Utility Project	Expected In-Service Date: 2018	N/A	Stanislaus County

APPENDIX 3.19-B: CUMULATIVE TRANSPORTATION PROJECTS LIST

Table 1 California High-Speed Rail Projects List

ID	Project Name	Description	Project Type	Status/Timing	Potential unavoidable impacts	Location
1	California High-Speed Rail Project, Merced to Fresno Section	Construction of high-speed rail alignment connecting Merced Station to Fresno Station.	New transportation facility (high-speed rail)	Under construction	Agricultural Lands, Noise and Vibration, Parks, Recreation and Open Space, Aesthetics and Visual Resources, Cultural and Paleontological Resources, Cumulative	Merced County, Madera County, City of Chowchilla, City of Madera Acres, City of Fresno
2	California High-Speed Rail Project, San Jose to Merced Section	Construction of high-speed rail alignment connecting San Jose Station, Gilroy Station, and Fresno Station.	New transportation facility (high-speed rail)	Environmental compliance documentation in progress (2018).	Agricultural Lands, Noise and Vibration, Parks, Recreation and Open Space, Aesthetics and Visual Resources, Cultural and Paleontological Resources, Cumulative	Santa Clara County, San Benito County, Merced County, Madera County, City of San Jose, City of Morgan Hill, City of Gilroy, City of Los Banos

Table 2 Merced County Transportation Projects List

ID	Project Name	Description	Project Type	Status/Timing	Potential unavoidable impacts	Location
1	Merced County 2014 Regional Transportation Plan and Sustainable Communities Strategy	County-wide planning document which provides the framework for transportation infrastructure investments in the county for the next 25 years. Provides a plan to comply with SB375 to reduce GHG. (MCAG 2014)	Transportation Plan	Adopted 09/2014, Amendment 1 adopted 05/2016	Air Quality and Global Climate Change, Transportation and Circulation, and Land Use	Merced County
2	SR 99: Stanislaus/Merced County line to Hammatt Avenue	The California Department of Transportation (Caltrans) plans to widen 8.5 miles of SR 99 from 4 to 6 lanes within the median. The infrastructure which is to be widened are Collier Road overcrossing, the El Captain Way overcrossings and the northbound Merced River Bridge. Project starts .25 mile south of the Hammatt Ave interchange and ends at the Merced/Stanislaus county line. (Caltrans 2013a)	Median, road widening	Draft Environmental Document was published 01/2013	Land Use, Air Quality, Noise and Vibration, Natural Communities, Wetlands, Animal Species, Threatened and Endangered Species, Traffic and Transportation and Construction	SR 99: Stanislaus/Merced County line to Hammatt Avenue Merced County
3	SR 99: Hunter Road to Arena Way	The project consists of widening 2.7 miles of SR 99 from 4 to 6 lanes. (MCAG 2013)	Lane expansion	Completed 03/2006	Land Use, Air Quality, Noise and Vibration, Natural Communities, Animal Species, Traffic and Transportation and Construction	SR 99: Hunter Road to Arena Way, Merced County,
4	SR 99: Arena Way to North of Atwater	The project consists of widening 2.7 miles of SR 99 from 4 to 6 lanes from Atwater to Arena Way and removing at-grade crossings. The project also consist of creating a new interchange at Westside Blvd. (MCAG 2013)	Lane expansion and new interchange	Construction was completed 08/2010	Land Use, Air Quality, Noise and Vibration, Natural Communities, Animal Species, Traffic and Transportation and Construction	SR 99: Arena Way to north of Atwater, Merced County
5	SR 99: Atwater Highway Planting	The project consists of providing planting and irrigation along SR 99 from .7 N/O Atwater OH to .7mi S/O Arena Way. (MCAG 2014)	Plant establishment	As of 02/11/2014 project was in the plant establishment period and the targeted end date was 11/2015	Land Use, Natural Communities, Animal Species	SR 99: Atwater Highway Planting, Merced County
6	SR 99: Bradbury Road and Highway 165	The project consists of building a new interchange between Bradbury Rd and HWY 165 and constructing an alternative route around Hilmar with connection to the new SR 99 interchange. (MCAG 2013)	New interchange	Caltrans approved PSR-PDS in 04/2013	Land Use, Air Quality, Noise and Vibration, Natural Communities, Animal Species, Traffic and Transportation and Construction	SR 99: Bradbury Road and Highway 165, Merced County
7	SR 99: Childs Avenue to McHenry Road	The project consists of constructing a new expressway between SR99 Mission Ave interchange and Childs Ave. (MCAG 2013)	Lane expansion and new interchange	Construction was completed 12/2010	Land Use, Air Quality, Noise and Vibration, Natural Communities, Animal Species, Traffic and Transportation and Construction	SR 99: Childs Avenue to McHenry Road, Merced County
8	SR 99: McHenry Road to Buchanan Hollow Road	The project consists of widening 5.9 miles of SR 99 from 4 to 6 lanes from Buchanan Hollow Rd. to McHenry Rd. and eliminating at-grade crossings. Also to construct a new interchange at Arboleda Rd. (MCAG 2013)	Lane expansion and new interchange	As of 04/2013 construction was expecting to be completed by Spring 2015	Land Use, Air Quality, Noise and Vibration, Natural Communities, Animal Species, Traffic and Transportation and Construction	SR 99: McHenry Road to Buchanan Hollow Road, Merced County
9	SR 99: Buchanan Hollow Road to Merced/Madera County line (Plainsburg Road Freeway)	The project consists of widening 4.6 miles of SR 99 from 4 to 6 lanes from the Merced/Madera County line to Buchanan Hollow Road and to eliminate at-grade crossings. The project will also construct a new interchange at Plainsburg Road. (MCAG 2013)	Lane expansion and new interchange	As of 04/2013 construction was expecting to be completed by Summer 2015	Land Use, Air Quality, Noise and Vibration, Natural Communities, Animal Species, Traffic and Transportation and Construction	SR 99: Buchanan Hollow Road to Merced/Madera County line (Plainsburg Road Freeway), Merced County
10	SR 99: West Merced OH Landscape	The project consists of planting 220 trees, 800 groundcover shrubs and installing an irrigation system. The location of the project is from N/O V St to Black Rascal Bridge. (MCAG 2014)	Landscape	As of 10/07/2014 the target date to begin construction was winter 2014	Land Use, Natural Communities, Animal Species, Air Quality	SR 99: West Merced OH Landscape, Merced County

ID	Project Name	Description	Project Type	Status/Timing	Potential unavoidable impacts	Location
11	SR 99: E Merced OH, SR 99/SR 140 to G Street and	The project consists of widening the UC and roadway on E Merced OH in Merced from .3 mi S/O SR-99/SR-140 separation to G St U/C. (MCAG 2014)	Construction on columns and superstructure	As of 10/07/2014 the target date to end construction was 11/2015	Land Use, Air Quality, Noise and Vibration, Natural Communities, Animal Species, Traffic and Transportation and Construction	SR 99: E Merced OH, SR 99/SR 140 to G Street, Merced County
12	SR 140 to Main Street	The project consists of widening the UC and roadway on E Merced OH in Merced on SR 140 at Main St. (MCAG 2014)	Lane expansion	As of 10/07/2014 the target date to end construction was 11/2015	Land Use, Air Quality, Noise and Vibration, Natural Communities, Animal Species, Traffic and Transportation and Construction	SR 140 to Main Street, Merced County
13	SR 33: SR 152 to I-5	The project consists of bridge lane expansion and various road construction on SR 33 from SR 152 to I-5. (Caltrans 2014)	Bridge lane expansion	Construction took place from 11/12/2014-11/14/2014 and from 11/24/2014-11/26/2014	Land Use, Air Quality, Noise and Vibration, Natural Communities, Animal Species, Traffic and Transportation and Construction	SR 33: SR 152 to I-5, Merced County
14	SR 33: Intersection of SR 33 and I-5		Girder retrofit		Land Use, Air Quality, Noise and Vibration, Natural Communities, Animal Species, Traffic and Transportation and Construction	SR 33: Intersection of SR 33 and I-5, Merced County
15	I-5, SR 152: Girder retrofit PM 17.5)	The project consists of girder diaphragm retrofit on I-5 at I-5/SR-152 separation at bridge 39-0161 R & L. (MCAG 2014)	Lane expansion and shoulder improvements	As of 10/07/2014 the target date to end construction was 08/2015	Land Use, Air Quality, Noise and Vibration, Natural Communities, Animal Species, Traffic and Transportation and Construction	I-5, SR 152, Merced County
16	SR 59: SR 152 to Mission Avenue		Roadway widening		Land Use, Air Quality, Noise and Vibration, Natural Communities, Animal Species, Traffic and Transportation and Construction	SR 59: SR 152 to Mission Avenue, Merced County
17	SR 59: 16th Street to Olive Avenue		New expressway		Land Use, Air Quality, Noise and Vibration, Natural Communities, Animal Species, Traffic and Transportation and Construction	SR 59: 16th Street to Olive Avenue, Merced County
18	Atwater-Merced Expressway (Green Sands to 59/Bellevue)	The project consists of constructing a new expressway from Green Sands to 59/Bellevue. (MCAG 2014)	New expressway	As of 10/07/2014 the target date to end construction was 02/2016	Land Use, Air Quality, Noise and Vibration, Natural Communities, Animal Species, Traffic and Transportation and Construction	Atwater-Merced Expressway (Green Sands to 59/Bellevue), Merced County
19	Campus Parkway, Segments 2 and 3	The project consists of constructing a new 4 –lane expressway from Childs Ave to SR-140 and from SR-140 to Yosemite Ave. Also includes providing SR-99 access from/to U.C. Merced and North Merced. (MCAG 2013)	New freeway bypass	As of 04/2014 construction was expected to take ~2-3 years and be completed by 2035	Land Use, Air Quality, Noise and Vibration, Natural Communities, Animal Species, Traffic and Transportation and Construction	Childs Ave to SR-140 and from SR-140 to Yosemite Ave and SR-99 from/to U.C. Merced and North Merced. Merced County
20	SR 152 Los Banos Bypass, Segment 1	The project consists of constructing a portion of a new bypass between SR 165 and will tie-in with existing SR 152 signalized I/S in Los Banos from SR 165 to SR 152 near Santa Fe Rd. (MCAG 2014)	New freeway bypass	As of 10/07/2014 the design was 90% complete and was on hold until funding was resolved	Land Use, Air Quality, Noise and Vibration, Natural Communities, Animal Species, Traffic and Transportation and Construction	Between SR 165 and will tie-in with existing SR 152 signalized I/S in Los Banos from SR 165 to SR 152 near Santa Fe Rd. Merced County
21	SR 152 Los Banos Bypass, Segment 2	The project consists of constructing a new 4 lane expressway bypassing around the city of Los Banos between HWY 165 and W HWY 152 with signalized intersections. (MCAG 2013)	Construction of three interchanges	Environmental PA&ED was completed 06/2007	Land Use, Air Quality, Noise and Vibration, Natural Communities, Animal Species, Traffic and Transportation and Construction	Around the city of Los Banos between HWY 165 and W HWY 152 Merced County
22	SR 152 Los Banos Bypass, Segment 3	The project consists of constructing a new 4 lane expressway bypassing around the city of Los Banos and constructing 3 new interchanges at W HWY 152, HWY 165 and E HWY 152. (MCAG 2013)	Install ADA-compliant curb ramps, sidewalk extensions	Environmental PA&ED was completed 06/2007	Land Use, Air Quality, Noise and Vibration, Natural Communities, Construction, Recreation, Safety and Disability Accessibility, Transportation	W HWY 152, HWY 165 and E HWY 152. Merced County

ID	Project Name	Description	Project Type	Status/Timing	Potential unavoidable impacts	Location
23	SR 152: Merced ADA Curb Ramps	The project consists of installing ADA curb ramps, and minor sidewalks extensions in Merced County on SR-59, 99 and 152 at various locations. (MCAG 2013)	Install ADA-compliant curb ramps, sidewalk extensions	As of 10/07/2014 the target date to begin construction was 12/2015	Land Use, Air Quality, Noise and Vibration, Natural Communities, Construction, Recreation, Safety and Disability Accessibility, Transportation	SR 59, 99 and 152, Merced County
24	SR 152: Pacheco Pass Median Barrier	The project consists of constructing a median barrier on SR-152 between 0.1 mile E/O Fifield Rd in Santa Clara Co. and 0.1 mile W/O Vista Point in Merced Co. (MCAG 2013)	Demolition and construction of bridge	As of 10/07/2014 the target date to begin construction was 07/2015	Land Use, Air Quality, Noise and Vibration, Natural Communities, Animal Species, Traffic and Transportation and Construction	SR-152 between 0.1 mile E/O Fifield Rd in Santa Clara Co. and 0.1 mile W/O Vista Point in Merced Co.
25	Canal School Road Bridge	The project consists of replacing the existing two-lane Canal School Road Bridge with a new two lane bridge. The existing bridge is 30 ft wide and 147 ft long and was constructed in 1968. The new bridge will be wider and meet current standards for traffic. (MCDPW 2012)	Construction of pedestrian facilities	The initial draft study was published in 07/2012	Biological Resources, Cultural Resources, Transportation and Traffic, Geology, Soils and Seismicity, and Hazards and Hazardous Materials	Canal School Road Bridge, Merced County
26	Planada Pedestrian Improvement Project	The project consists of crosswalk improvements on Plainsburg Rd and Topeka Ave, the construction of sidewalks on both sides of Plainsburg Ave, a bike path on the west side of Plainsburg Rd, railroad-crossing improvements at Childs Ave and Santa Fe Ave and a sidewalk on the north side of Childs Ave. (Merced Sun-Star 2015)	Pedestrian and bicycle facilities, vehicle parking	On 12/16/2014 the board of supervisors for Merced County adopted the Final Planada Pedestrian Improvement Plan	Land Use, Air Quality, Noise and Vibration, Natural Communities, Construction, Recreation and Safety, Transportation	Plainsburg Rd and Topeka Ave, and Childs Ave and Santa Fe Ave Merced County
27	Walnut Avenue Rule 20A & Pedestrian Project	The project consists of reconstructing Walnut Ave from Santa Fe Drive to California Street and includes curb, gutter, sidewalk and traffic calming features. Also moving overhead electrical and communication cables underground. The total area is 1,610 sq. ft. (Merced County Board of Supervisors 2015)	Transportation Plan	Target Board Date of 04/07/2015	Air Quality and Global Climate Change, Transportation and Circulation, Land Use, Traffic	Walnut Ave from Santa Fe Drive to California Street, Merced County
28	I-5: Weigh Station Improvements in Santa Nella	The project consists of remodeling weight stations and ramps near Santa Nella from 0.5 mi N/O McCabe Rd OC to 0.2 mi N/O Whitworth Rd OC and at Santa Nella weight station. (MCAG 2014)	Median, road widening	As of 10/07/2014 the target date to end construction was Fall 2014	Land Use, Air Quality, Noise and Vibration, Natural Communities, Wetlands, Animal Species, Traffic and Transportation and Construction	Santa Nella from 0.5 mi N/O McCabe Rd OC to 0.2 mi N/O Whitworth Rd OC and at Santa Nella weight station, Merced County
29	SR 140: Bradley OH Widening	The project consists of replacing the bridge and widening the roadway in and near Merced from Marthella Ave to 0.3 KM E/O Santa Fe Ave. (MCAG 2014)	Remodel weigh station and ramps	As of 10/07/2014 the target date to end construction was Fall 2014	Land Use, Air Quality, Noise and Vibration, Natural Communities, Animal Species and Construction, Transportation and Traffic	Marthella Ave to 0.3 KM E/O Santa Fe Ave, Merced County
30	Tri-City Flashing Beacons project	The project consists of installing flashing beacons with warning signs on SR-140 and SR-99 in Merced Co. and SR-108 in Stanislaus Co. at various locations. In Merced at (1) SR-140/Arboleda Drive and (2) SR-99/SB off-ramp to Applegate Rd in City of Atwater. (MCAG 2014)	Bridge replacement, roadway widening	As of 10/07/2014 the target date to begin construction was winter 2014	Land Use, Air Quality, Noise and Vibration, Natural Communities, Animal Species, Transportation and Traffic and Construction	SR-140 and SR-99 in Merced Co. and SR-108 in Stanislaus Co.; SR-140/Arboleda Drive and (2) SR-99/SB off-ramp to Applegate Rd in City of Atwater in Merced Co.
31	SR 140/Arboleda Drive and SR 99 SB off-ramp to Applegate Road in Atwater	The project consists of widening a 4-lane expressway to a six-lane freeway on the SB off ramp to Applegate Rd. and add a deceleration lane; NB off-ramp to Atwater Blvd. add deceleration lane; NB off-ramp to Mariposa/Yosemite Add deceleration lane; NB off ramp to Childs Ave. add deceleration lane. (MCAG 2014)	Overhead lane widening	As of 10/2008 construction was to begin in 10/2008	Air Quality, Noise and Vibration, Natural Communities, Animal Species, Transportation and Traffic and Construction	SR 140/Arboleda Drive and SR 99 SB off-ramp to Applegate Road in Atwater, Merced County
32	SR 165: Stevinson Rehab	The project consists of an AC overlay, dig outs, intersection improvements and shoulder widening near Stevinson from SR-140 to 0.2 KM S/O Westside Blvd. (MCAG 2014)	Intersection improvements, shoulder widening	As of 10/07/2014 the target date to end construction was 02/2015	Land Use, Air Quality, Noise and Vibration, Natural Communities, Animal Species, Transportation and Traffic and Construction	Near Stevinson from SR-140 to 0.2 KM S/O Westside Blvd, Merced County

ID	Project Name	Description	Project Type	Status/Timing	Potential unavoidable impacts	Location
33	SR 165/Fowler Avenue Left-Turn Channelization	The project consists of installing a left-turn channelization in Merced Co. I/S of SR-165 and Fowler Ave near Turlock City. (MCAG 2014)	Off-ramp improvements	As of 10/07/2014 the target date to begin construction was Spring 2016	Land Use, Air Quality, Noise and Vibration, Natural Communities, Animal Species, Transportation and Traffic and Construction	I/S of SR-165 and Fowler Ave near Turlock City, Merced County
34	SR 165/Westside Boulevard Curve Correction	The project consists of improving curve radius, superelevation, widening the shoulder and installing rumble strips in Merced Co. I/S of S-R165 and Fowler Ave near Turlock City. (MCAG 2014)	Left-turn channelization	As of 10/07/2014 the target date to begin construction was FY 2015/2016	Land Use, Air Quality, Noise and Vibration, Natural Communities, Animal Species, Transportation and Traffic and Construction	I/S of S-R165 and Fowler Ave near Turlock City, Merced County
35	Weigh Station Improvements in Santa Nella	The project consists of remodeling the weigh station and ramps near Santa Nella from 0.5 mi N/O McCabe Rd OC to 0.2 mi N/O Whitworth Rd OC at Santa Nella weight station. (MCAG 2014)	Bridge and roadway improvements	As of 10/07/2014 the target date to end construction was Fall 2014	Land Use, Air Quality, Noise and Vibration, Natural Communities, Animal Species, Transportation and Traffic and Construction	Near Santa Nella from 0.5 mi N/O McCabe Rd OC to 0.2 mi N/O Whitworth Rd OC at Santa Nella weight station. Merced County
36	East Merced OH	The project consists of widening UC and roadway E Merced OH in Merced from 0.3 mi S/O SR-99/SR-140 separation to G St U/C and on SR-140 at Main St. (MCAG 2014)	Realignment, widening	As of 10/07/2014 the target date to end construction was 11/2015	Land Use, Air Quality, Noise and Vibration, Natural Communities, Animal Species, Transportation and Traffic and Construction	E Merced OH in Merced from 0.3 mi S/O SR-99/SR-140 separation to G St U/C and on SR-140 at Main St., Merced County
37	Arboleda Drive Freeway	The project consists of widening a 4-lane expressway to a 6—lane freeway on 8-lane R/W alignment on SR-99 from Buchanan Hollow Rd to 0.5 KM N/O McHenry Rd. (MCAG 2014)	Remodel weight station and ramps	As of 10/07/2014 the target date to end construction was Spring 2014	Land Use, Air Quality, Noise and Vibration, Natural Communities, Animal Species, Transportation and Traffic and Construction	SR-99 from Buchanan Hollow Rd to 0.5 KM N/O McHenry Rd., Merced County
38	Plainsburg Road Freeway	The project consists of widening a 4-lane expressway to a 6—lane freeway on 8-lane R/W alignment on SR-99 from Madera/Merced Co line to Buchanan Hollow Rd. (MCAG 2014)	Widen UC and roadway	As of 10/07/2014 the target date to end construction was 06/2015	Land Use, Air Quality, Noise and Vibration, Natural Communities, Animal Species, Transportation and Traffic and Construction	on SR-99 from Madera/Merced Co line to Buchanan Hollow Rd., Merced County
39	Atwater-Merced Expressway	The project consists of constructing a new alignment in Merced at multiple locations from the intersection of Bellevue Ave and existing SR-59 to the intersection of Gurr Rd & Existing SR-140. (MCAG 2014)	4-lane expressway to 6-lane freeway on 8-lane R/W alignment.	As of 10/07/2014 the target date to end construction was 02/2016	Land Use, Air Quality, Noise and Vibration, Natural Communities, Animal Species, Transportation and Traffic and Construction	I/S of Bellevue Ave and existing SR-59 to the I/S of Gurr Rd & Existing SR-140, Merced County
40	Bradley Overhead Widening	The project consists of replacing the bridge and widening the roadway in and near Merced from Marthella Ave to 0.3 KM E/O Santa Fe Ave. (MCAG 2014)	Realignment	As of 10/07/2014 the target date to end construction was Fall 2014	Land Use, Air Quality, Noise and Vibration, Natural Communities, Animal Species, Transportation and Traffic and Construction	In and near Merced from Marthella Ave to 0.3 KM E/O Santa Fe Ave., Merced County
41	Merced ADA Curb Ramps	The project consists of installing ADA curb ramps, and minor sidewalk extensions in Merced Co on SR-59, 99, 140, and 152 at multiple locations. (MCAG 2014)	Lane widening	As of 10/07/2014 the target date to begin construction was 12/2015	Land Use, Air Quality, Noise and Vibration, Natural Communities, Animal Species, Transportation and Traffic and Construction	SR-59, 99, 140, and 152, Merced County
42	Los Banos Bypass Segment I	The project consists of constructing a portion of a new bypass between SR-165 and will tie-in with existing SR-152 signalized I/S in Los Banos from SR165 to SR-152 near Santa Fe Rd. (MCAG 2014)	Bridge replacement, roadway widening	As of 10/07/2014 the design was 90% complete and was on hold until funding was resolved	Land Use, Air Quality, Noise and Vibration, Natural Communities, Animal Species, Transportation and Traffic and Construction	SR-165, SR-152 signalized I/S in Los Banos from SR165 to SR-152 near Santa Fe Rd., Merced County
43	Pacheco Pass Median Barrier	The project consists of constructing a median barrier on SR-152 between 0.1 mile E/O Fifield Rd in Santa Clara Co. and 0.1 mile W/O Vista Point in Merced Co. (MCAG 2014)	Install ADA-compliant curb ramps, minor sidewalks extension	As of 10/07/2014 the target date to begin construction was 7/2015	Land Use, Air Quality, Noise and Vibration, Natural Communities, Construction, Recreation, Safety and Disability Accessibility, Transportation	SR-152 between 0.1 mile E/O Fifield Rd in Santa Clara Co. and 0.1 mile W/O Vista Point in Merced Co.
44	Stevinson Rehab	The project consists of an AC overlay, dig outs, intersection improvements and shoulder widening near Stevenson from SR-140 to 0.2 KM S/O Westside Blvd. (MCAG 2014)	New roadway (bypass)	As of 10/07/2014 the target date to end construction was 02/2015	Land Use, Air Quality, Noise and Vibration, Natural Communities, Animal Species, Transportation and Traffic and Construction	Near Stevenson from SR-140 to 0.2 KM S/O Westside Blvd., Merced County

ID	Project Name	Description	Project Type	Status/Timing	Potential unavoidable impacts	Location
45	SR-165/Fowler Avenue Left Turn Channelization	The project consists of installing a left-turn channelization in Merced Co. I/S of SR-165 and Fowler Ave near Turlock City. (MCAG 2014)	Construct median barrier	As of 10/07/2014 the target date to begin construction was Spring 2016	Land Use, Air Quality, Noise and Vibration, Natural Communities, Animal Species, Transportation and Traffic and Construction	I/S of SR-165 and Fowler Ave near Turlock City, Merced County
46	SR-165/Westside Boulevard Curve Correction	The project consists of improving curve radius, superelevation, widening the shoulder and installing rumble strips in Merced Co. I/S of S-R165 and Fowler Ave near Turlock City. (MCAG 2014)	Intersection improvements, shoulder widening	As of 10/07/2014 the target date to begin construction was FY 2015/2016	Land Use, Air Quality, Noise and Vibration, Natural Communities, Animal Species, Transportation and Traffic and Construction	I/S of S-R165 and Fowler Ave near Turlock City, Merced County
47	SR-165/Fowler Avenue Left Turn Channelization	The project consists of installing a left-turn channelization in Merced Co. I/S of SR-165 and Fowler Ave near Turlock City. (MCAG 2014)	Install left-turn channelization	As of 10/07/2014 the target date to begin construction was Spring 2016	Land Use, Air Quality, Noise and Vibration, Natural Communities, Animal Species, Transportation and Traffic and Construction	I/S of SR-165 and Fowler Ave near Turlock City, Merced County

SR = State Route
OH = overhead
I-5 = Interstate 5
PM = post mile
ADA = Americans with Disabilities Act
SB = southbound
UC = undercrossing

Table 3 Madera County Transportation Projects List

ID	Project Name	Description	Project Type	Status/Timing	Potential unavoidable impacts	Location
1	Madera County 2014 Regional Transportation Plan & Sustainable Communities Strategy	County-wide planning document which provides the framework for transportation infrastructure investments in the county through 2040. Provides a plan to comply with SB375 to reduce GHG. (MCTC 2014).	Transportation Plan	Adopted 07/2014	Agricultural Lands, Aesthetic/Visual, Air Quality and Global Climate Change, Biological Resources, Hydrology and Water Quality, Geology and Soils, Hazards, Energy, Noise, Transportation and Circulation, Parks and Recreation, Public Services, Land Use, Growth	Madera County
2	Ellis Avenue: Phase 1 and Phase 2		Construction of new roads and overcrossing	Phase 1: under construction		Madera County
3	Ellis Avenue: Interchange at SR 99	Includes the construction of new Ave 12 bridges just north of the existing bridges and will include modifications along westbound and eastbound Ave 12; including the reconfigurations of local roads North and South Road 29. The southbound State Route 99 (SR 99) Ave 12 exit and Golden State Boulevard will be reconfigured and a new southbound onramp from Ave 12 will be constructed.	Convert to interchange	2040		Madera County
4	SR 99	Reconstruct Interchange. Project limits: Avenue 12 Interchange. On route 99 from 0.5 mile south of Avenue 12 overcrossing to 0.5 mile north of Avenue 12 overcrossing. PM R7.1- R7.9	Interchange Improvements	2017		Madera County
5	4th Street: Gateway to Lake Street		Land expansion and construction of railroad crossing			Madera County
6	Olive Street: Gateway to Roosevelt	Widen street to 4 lanes for Arterial Street Standards. Widen UPRR crossing. Justification: Project reduces traffic delays at Gateway/Olive Intersection by providing 4 travel lanes. Complies with City approved traffic circulation element. 2 to 4 lanes.	Lane expansion	2032		Madera County
7	Gateway/Central/3rd/E Street – Sidewalks	Sidewalk on Central Avenue, Gateway to Lake Street: E Street, Central Avenue to 3rd Street: 3rd Street, E Street to Central Avenue. Justification: Sidewalks don't exist in many location along this residential neighborhood that are needed for access to the Rotary Park. (City of Madera 2014)	Street reconstruction, sidewalks	2014-2015		Madera County
8	Lake Street Widening - 4th Street to Cleveland	Widen Lake Street to 2 to 4 lanes with median for Arterial Street Standards. Justification: Providing 4 travel lanes will be needed to handle traffic volume. Complies with City approved traffic circulation element. (City of Madera 2014)	Lane expansion, Street Reconstruction.	2017		Madera County
9	Lake/4th/Central Intersection-Traffic Signal	Infill and provide sidewalk facilities and appurtenances. Areas to be determined to maximize pedestrian usage within funds available. To be implemented by phases. Justification: Will encourage pedestrian travel and provide safety at areas without sidewalks and ADA maps with high concentration of pedestrians. (City of Madera 2014)	Install traffic signal and sidewalks	2015-2016		Madera County
10	Schnoor Avenue: Trevor to Sunset	Overlay & Restripe to 4 lanes. (MCTC 2015)	Lane restripe	2032		Madera County
11	Sunset: 4th to Westberry	2 to 4 lanes. (MCTC 2015)	Lane expansion	2035		Madera County
12	Schnoor Avenue and Cleveland Bridges at Fresno River	City of Madera Bridge Preventive Maintenance and surface crack repair at the Schnoor Avenue Bridge at the Fresno River and the Cleveland Avenue Bridge at the Fresno River. Justification: To repair cracking at Schnoor and Granada Bridge to prevent future damages. (City of Madera 2014)	Deck repair	2014-2015		Madera County

ID	Project Name	Description	Project Type	Status/Timing	Potential unavoidable impacts	Location
13	Cleveland at Schnoor Avenue: Left Turn Lane	Add a dual left turn lane for WB Cleveland Avenue traffic turning south onto Schnoor Avenue. Justification: Emission reduction for CMAQ project. (City of Madera 2014)	Dual left-turn lane	2015		Madera County
14	Cleveland: Sharon to Trevor	Restripe to 4 lanes. (MCTC 2015)	Lane restripe	2025		Madera County
15	Westberry: Fresno River	Construct Westberry Bridge over the Fresno River. Efficient circulation and maintenance of acceptable levels of service at various local intersections dictate the need for this bridge with the next 5-10 years.	New bridge over Fresno River	2015-2025		Madera County
16	Airport		Lane restripe			Madera County
17	Yeager		Lane restripe			Madera County
18	Yeager: Falcon to Aviation	Overlay and restripe to 4 lanes. (MCTC 2015)	New lanes	2025		Madera County
19	Ellis: Road 16 to Lake		Lane expansion			Madera County
20	SR 145		Lane expansion			Madera County
21	Granada		Lane expansion			Madera County
22	Granada: at Fresno River	Widen structure from 2 to 4 lanes. (MCTC 2015)	Widen structure	2032		Madera County
23	Sharon Boulevard: Ellis Street to Avenue 17	Sharon Boulevard Infrastructure Project-Street Component- Sharon Boulevard Alignment, South of Avenue 17, East of SR99. Establish Master Planned and Development-Serving Infrastructure Configurations and Right of Way requirements for facilities including Streets, Water, Wastewater Disposal, Street, and Storm Drainage. The street component will establish the plan line. (City of Madera 2014)	New roadway			Madera County
24	Cleveland: Schnoor Avenue to SR 99	Reconstruct and widen from 4 lanes to 6 lanes. Justification: Requires 6 travel lanes to reduce traffic congestion. This project is included as a Tier 1 improvement in the Measure T program. (City of Madera 2014)	Lane expansion			Madera County
25	Gateway		Lane expansion			Madera County
26	Gateway: Yosemite to Cleveland	2 to 4 lanes. (MCTC 2015)	Lane expansion	2032		Madera County
27	Gateway: Olive Street to 9th Street	2 to 4 lanes. (MCTC 2015)	Lane expansion	2032		Madera County
28	Gateway: Bridge repair	Determine deficiency and determine corrective action. Justification: This bridge is listed on Caltrans Inspection & Action report. (City of Madera 2014)	Bridge repair	2014-2015		Madera County
29	Gateway and Cleveland: Pedestrian Crossing	Adding pedestrian crossing at south side of the intersection, across Gateway. Adjusting existing crossing on north side of Gateway/Cleveland intersection. Justification: Pedestrian safety and ADA. (City of Madera 2014)	Pedestrian crossing, Traffic signal.	2014-2015		Madera County
30	Ellis: Road 26 to Krohn	2 to 4 lanes. (MCTC 2015)	Lane expansion	2025		Madera County
31	Ellis: Road 26 to Lake	2 to 4 lanes. (MCTC 2015)	Lane expansion	2032		Madera County
32	Aviation: extend to Avenue 17	New 2 Lane Roadway. (MCTC 2015)	New lanes	2025		Madera County
33	Avenue 17: SR 99 Interchange	Interchange Improvements/ Widen Structure. (MCTC 2015)	Interchange improvements	2025		Madera County
34	Avenue 17: Road 23 to Golden State	2 to 4 lanes. (MCTC 2015)	Lane expansion	2040		Madera County
35	Avenue 17: Road 26 to Road 27	2 to 4 lanes. (MCTC 2015)	Lane expansion	2040		Madera County
36	Westberry: Cleveland to Avenue 16	2 to 4 lanes. (MCTC 2015)	Lane expansion	2032		Madera County
37	Westberry: at Fresno River	New 4 Lane Bridge. (MCTC 2015)	New bridge	2025		Madera County

ID	Project Name	Description	Project Type	Status/Timing	Potential unavoidable impacts	Location
38	D Street: Clark to Adell	2 to 4 lanes. (MCTC 2015)	Lane expansion	2032		Madera County
39	Howard		Lane expansion			Madera County
40	Howard: Westberry to Granada	2 to 4 lanes. (MCTC 2015)	Lane expansion	2032		Madera County
41	Howard: Pine to Schnoor Avenue	2 to 4 lanes. (MCTC 2015)	Lane expansion	2040		Madera County
42	Pecan		Lane expansion			Madera County
43	Pecan: Golden State to Stadium	2 to 4 lanes. (MCTC 2015)	Lane expansion	2032		Madera County
44	Pecan: Pine to Schnoor Avenue	2 to 4 lanes. (MCTC 2015)	Lane expansion	2017		Madera County
45	Schnoor Avenue: Sidewalks	Construct paved shoulders and curb and gutter. Justification: Reduce PM-10 dust and provide public safety. (City of Madera 2014)	Paved shoulders, curb and gutter	2017		Madera County
46	Thomas Jefferson/John Adams: Sidewalks	Construct sidewalks and curb ramps: install in pavement lighted crosswalk and acquisition of right of way. Safe routes to School for Thomas Jefferson Middle School and John Adams Elementary School. Justification: Improve traffic and pedestrian circulation and safety. (City of Madera 2014)	Paved shoulders, curb and gutter			Madera County
47	Tozer/Road 28: Avenue 13 to Knox	2 to 4 lanes. (MCTC 2015)	Lane expansion	2035		Madera County
48	Sunrise: B Street to Road 28	2 to 4 lanes. (MCTC 2015)	Lane expansion	2035		Madera County
49	Storey Road: SR 145 to city limit	2 to 4 lanes. (MCTC 2015)	Lane expansion	2035		Madera County
50	Storey Road: at Millview Sports Complex		Street reconstruction, curb and gutter, shoulder paving			Madera County
51	Road 29: Avenue 14 to Avenue 15	2 to 4 lanes. (MCTC 2015)	Lane expansion	2035		Madera County
52	SR 145: Avenue 12 to Avenue 13 1/2	Begins: Fresno/Madera County Line. Ends: At Avenue 13 in City of Madera. This is a two-lane conventional highway with striped median in flat terrain. (Caltrans 2013b)	Lane expansion		Agriculture, threatened/endangered species and wetlands.	Madera County
53	SR 145: SR 99 to Yosemite	Begins: At Avenue 13 in the City of Madera Ends: At Tozer Street in City of Madera. The highway alternates between a 2-lane and a 4-lane facility with a mix of raised and striped median as it traverses the City of Madera. Some portions of the highway that serves as "main street" are striped for street automobile parking. Interchange connection at Route 99. (Caltrans 2013b)	Lane expansion		Cultural	Madera County
54	Cleveland: Road 29 to SR 99	4 to 6 lanes & Interchange Improvements. (MCTC 2015)	Lane expansion and interchange improvements	2040		Madera County
55	Cleveland: Road 26 to SR 99	4 to 6 lanes & Interchange Improvements. (MCTC 2015)	Lane expansion and interchange improvements	2040		Madera County
56	Pine: Almond Avenue to Madera HS south driveway	2 to 4 lanes. (MCTC 2015)	Lane expansion	2032		Madera County
57	Pine: Howard to 4th Street	Reconstruction asphalt paving on Pine street from Howard to Fourth Street and widen road way. Install missing street lights. Justification: Project identified in Public Works Pavement Management Plan as asphalt requiring replacement and improves traffic flow. (City of Madera 2014)	Street reconstruction and widening	2014-2015		Madera County

ID	Project Name	Description	Project Type	Status/Timing	Potential unavoidable impacts	Location
58	Pine-Pecan: Street Improvements	Street widening along the west side of Pine and along the north side of Pecan. Justification: Off-site improvements for the Transit-Public Works Facility. (City of Madera 2014)	Street reconstruction/widening	2014-2015		Madera County
59	Stadium: Pecan to Maple	2 to 4 lanes. (MCTC 2015)	Lane expansion	2035		Madera County
60	Madera Avenue (SR 145)		Lane expansion			Madera County
61	4th Street: SR 99 interchange	Interchange Reconstruction. (Authority and FRA 2012b)	Lane expansion	2010		Madera County
62	Raymond Road: Shoulder		Shoulder, curb and gutter			Madera County
63	Torres Way, and other locations	Construct AC pavement along Torres Way and at various locations. Justification: Mitigation measures to reduce PM-10. (City of Madera 2014)	Street reconstruction/alley paving	2016-2017		Madera County
64	ADA Walkability Sidewalks		Street reconstruction, wheel chair ramps and pedestrian facilities			Madera County
65	Granada and Howard: Traffic Signal	Add traffic signal at Granada Drive and Howard Road. Justification: Emission reduction for CMAQ project. Traffic safety. (City of Madera 2014)	Traffic signal			Madera County
66	Howard/Westberry: Traffic Signal	Install a traffic signal at the intersection of Westberry Blvd. and Howard Rd. Justification: Emission reduction for CMAQ project and traffic safety. (City of Madera 2014)	Traffic signal			Madera County
67	Sherwood and Lake: Traffic Signal	Adding traffic signals and replacing/retrofitting existing signals at Sherwood/Lake Street Intersection. Justification: Improve traffic flow. (City of Madera 2014)	Traffic signal	2015-2016		Madera County
68	Yosemite and Elm: Traffic Signal	Install traffic signal at Yosemite and Elm.	Traffic signal	2014-2015		Madera County
69	UPRR Crossing-Street Approach		Paving			Madera County
70	Gateway and UPRR undercrossing	This previously approved and designed project includes engineering, environmental and construction for a trail undercrossing at Gateway Drive and the Union Pacific Railroad trestle. (City of Madera 2014)	Trail undercrossing, Parks	2014-2015		Madera County
71	Schnoor Avenue Bridge-North undercrossing		Trail undercrossing			Madera County
72	6th Street Bike Lanes: North to Lake Street	Construct Class 2 bike lane along 6 th Street between N Street and Lake Street with bike lanes on both sides of the street and retain parking. Install 'Bike Route' signs at various locations. (City of Madera 2014)	Street reconstruction, Class II bike lane	2014-2015		Madera County
73	Fresno River to Cleveland Avenue: Granada Drive to Schnoor Avenue	Construct bike/ pedestrian path in MID alignment north of Fresno River to Cleveland Avenue between Granada Dr. and Schnoor Ave. Justification: Provide multi-modal pathway connecting Fresno River and commercial areas to the northwest area of Madera. (City of Madera 2014)	Bike/pedestrian path, Street construction	2016		Madera County
74	Fresno River Trail to Schnoor Avenue: Bike/pedestrian trail		Bike/pedestrian path			Madera County
75	Fresno River Trail from Granada Drive to MID alignment		Bike/pedestrian path			Madera County
76	Laurel Bike Path-Sunset to Fresno River Trail	Phase 2 of this project will construct an asphalt concrete path with concrete landing and install irrigation facilities and trees along an existing MID easement corridor (Laurel Street) that connects to the Fresno River Trail.	Bike path, Parks			Madera County
77	Airport: various pavement improvements – Apron, Tee Hangar, Taxiway		Pavement, taxiway, and infrastructure			Madera County

ID	Project Name	Description	Project Type	Status/Timing	Potential unavoidable impacts	Location
78	Fairmead Median Barriers		Median barrier construction			Community of Fairmead
79	Fresno, Kings, Madera Bridges Seismic Restoration	In Fresno, Kings and Madera Counties at structure #'s 42-0134, 42-0215F, 45-0007, 45-0064, and 41—59E; Bridge Seismic restoration.	Seismic restoration	Milestones that are tracked by HQ in the Delivery Plan for the current 2016	Agriculture & Biological Resources	Central Region District 06 Madera County

SR = State Route
OC = overcrossing
ADA = Americans with Disabilities Act
UPRR = Union Pacific Railroad
MID = Modesto Irrigation District

Table 4 Stanislaus County Transportation Projects List

ID	Project Name	Description	Project Type	Status/Timing	Potential unavoidable impacts*	Location
1	Stanislaus County 2014 Regional Transportation Plan & Sustainable Communities Strategy	County-wide planning document which provides the framework for transportation infrastructure investments in the county through 2040. Provides a plan to comply with SB375 to reduce GHG. (MCTC 2014). Projects identified in the 2031 to 2033 timeframe include: <ul style="list-style-type: none">Install Ramp Metering Improvements including Intelligent Transportation Systems (ITS) on SR 99 from Mitchell Road to the Merced County LineComplete Street Improvements associated with Roselle Avenue/Patterson Road to Claribel Road, Riverbank CAVarious other unidentified projects	Transportation Plan	Adopted 07/2014	Air Quality, Biological Resources, Energy, GHG (Short-term emissions), and Hydrology and Water Quality (water demand)	Stanislaus County

* Only disclosed unavoidable effects for which construction activities in the 2031 to 2033 timeframe associated with the Site 7 – Le Grand Junction/Sandy Mush Road, Warnerville – Wilson 230 kV Transmission Line could contribute.
1. StanCOG 2014

Table 5 Fresno County Transportation Projects List

ID	Project Name	Description	Project Type	Status/Timing	Potential unavoidable impacts*	Location
1	Fresno County 2014 Regional Transportation Plan & Sustainable Communities Strategy	County-wide planning document which provides the framework for transportation infrastructure investments in the county through 2040. Provides a plan to comply with SB375 to reduce GHG. (MCTC 2014). Projects identified on Figure 2-8, Capacity Increasing Projects (2026 – 2040) include: <ul style="list-style-type: none">Unnamed projects generally located within urban areas along the SR 99 corridor and within the cities of Fresno, Clovis and Reedley.	Transportation Plan	Adopted 07/2014	Air Quality, Energy, Hydrology and Water Quality (groundwater depletion)	Fresno County

* Only disclosed unavoidable effects for which construction activities in the 2031 to 2033 timeframe associated with a portion of the Site 6 – El Nido, Los - Banos – Oro Loma – Canal 70 kV Power Line and the entirety of the Site 6 – El Nido, Oro Loma – Panoche Junction 115 kV Power Line could contribute.
1. Fresno Council of Governments 2014

Table 6 City of Chowchilla Transportation Projects List

ID	Project Name	Description	Project Type	Status/Timing	Potential unavoidable impacts	Location
1	SR 233: Robertson	Restripe 2 to 4 lanes. (Authority and FRA 2012b)	Lane restripe	2013		City of Chowchilla
2	SR 99 – SR 233 Interchange	Interchange reconstruction project.	Reconstruct interchange			City of Chowchilla
3	Road 16 1/2 Improvement Fund	Road improvement project.	Road Improvement			City of Chowchilla
4	SR 99: Road 17 Interchange	Interchange reconstruction project.	Reconstruct Interchange			City of Chowchilla
5	Fig Tree: SR 99 OC	2 Lane Overcrossing to Chowchilla Blvd. (Authority and FRA 2012b)	Overcrossing construction	2013		City of Chowchilla
6	SR 99: Avenue 26 Interchange		Reconstruct interchange			City of Chowchilla
7	Avenue 26: SR 99 to Coronado	Widen to 4 lanes. (Authority and FRA 2012b)	Lane expansion	2030		City of Chowchilla
8	Washington Road and Robertson Boulevard Intersection Project	Road realignment and expansion project.	Road realignment and expansion			City of Chowchilla

SR = State Route
OC = overcrossing

Table 7 City of Merced Transportation Projects List

ID	Project Name	Description	Project Type	Status/Timing	Potential unavoidable impacts	Location
1	Upgrade M Street Arterial/Extend Transitway	Upgrade Arterial/Extend Transitway from Yosemite to Old Lake	Extend/Upgrade Arterial	2021 or later	Agricultural Farmland, Air Quality, Noise (traffic),Transportation (capacity), GHG	City of Merced
2	Upgrade Arterial G Street	Upgrade Arterial G St. from Yosemite to north end of SUDP/SOI	Upgrade Arterial	2021 or later	Agricultural Farmland, Air Quality, Noise (traffic),Transportation (capacity), GHG	City of Merced
3	Extend Campus Parkway	Campus Parkway from Mission to Yosemite Avenue	Extend Expressway	2021 or later	Agricultural Farmland, Air Quality, Noise (traffic),Transportation (capacity), GHG	City of Merced
4	Extend Old Lake	Old Lake from SR 59 to Gardner/Golf	Extend/Upgrade Arterial	2021 or later	Agricultural Farmland, Air Quality, Noise (traffic),Transportation (capacity), GHG	City of Merced
5	Upgrade/Extend Bellevue	Bellevue from Campus Parkway to Atwater/ Merced Expressway	Upgrade Arterial/Expressway	2021 or later	Agricultural Farmland, Air Quality, Noise (traffic),Transportation (capacity), GHG	City of Merced
6	Extend arterial Cardella	Extend arterial Cardella from Hwy 59 to Campus Parkway	Extend Arterial	2021 or later	Agricultural Farmland, Air Quality, Noise (traffic),Transportation (capacity), GHG	City of Merced
7	Upgrade Yosemite	Upgrade arterial Yosemite from Hwy 59 to Campus Parkway	Upgrade Arterial	2021 or later	Agricultural Farmland, Air Quality, Noise (traffic),Transportation (capacity), GHG	City of Merced
8	Extend/Upgrade Childs	Upgrade/Extend Arterial Childs from SR 59 to Tower Rd	Upgrade/Extend Arterial	2021 or later	Agricultural Farmland, Air Quality, Noise (traffic),Transportation (capacity), GHG	City of Merced
9	Upgrade Dickenson Ferry/Mission	Upgrade Arterial Dickenson Ferry/Mission from Thornton to Tower	Upgrade Arterial	2021 or later	Agricultural Farmland, Air Quality, Noise (traffic),Transportation (capacity), GHG	City of Merced

SR = State Route

Reference: City of Merced. 2011.

Note, the Madera County Draft Program Environmental Impact Report for the 2014 Regional Transportation Plan and Sustainable Communities Strategy (MCTC 2014) did not identify any projects within the City of Merced for which overlap could occur in the 2021-2022 or 2031 to 2033 timeframe.

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