

**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 |

| ID | Project Name                                 | Description   | Project Type          | Status/Timing | Potential unavoidable impacts   | Location  |
|----|--|---|-----------------------|---------------|---|---|
| 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.  |

| ID | Project Name  | Description   | Project Type                    | Status/Timing  | Potential unavoidable impacts   | Location   |
|----|---|---|---------------------------------|----------------|---|--|
| 31 | Jaxon Enterprises                                   | To excavate and process 6 million tons of aggregate by.<br>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.  |

| ID | Project Name   | Description   | Project Type                      | Status/Timing                  | Potential unavoidable impacts   | Location  |
|----|--|---|-----------------------------------|--------------------------------|---|---|
| 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 <sup>th</sup> 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 policies 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 2016).  | 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 <sup>th</sup> & M Streets; Canal & 14 <sup>th</sup> 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/Stanslaus 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.<br>Ends: At Avenue 13 in City of Madera.<br>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<br>Ends: At Tozer Street in City of Madera.<br>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.<br>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 <sup>th</sup> 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<br>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 | <p>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:</p> <ul style="list-style-type: none"> <li>• Install Ramp Metering Improvements including Intelligent Transportation Systems (ITS) on SR 99 from Mitchell Road to the Merced County Line</li> <li>• Complete Street Improvements associated with Roselle Avenue/Patterson Road to Claribel Road, Riverbank CA</li> <li>• Various other unidentified projects</li> </ul> | 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"> <li>• Unnamed projects generally located within urban areas along the SR 99 corridor and within the cities of Fresno, Clovis and Reedley.</li> </ul> | 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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