# APPENDIX B. AGRICULTURAL AND FORESTRY RESOURCES

This appendix provides background information on the agricultural and forestry data sets used to determine total agricultural lands (regardless of parcel size) and forest land in 2012 and to calculate impacts in 2020, 2035, and 2050.

## BASELINE CONDITIONS METHODOLOGY

### Agricultural Resources

The San Diego Region is comprised of several jurisdictions that use various sources to identify the existing agricultural lands within their jurisdiction. To effectively identify existing agricultural lands in the Region these data sources were compiled to make one contiguous data set with one set of agricultural categories and ensure that there were no data gaps. Each of these sets is independent of each other. The County of San Diego agricultural layer was the base data set and additional sets were incorporated to fill in any gaps and to provide updated information. The following is a list of each data source used:

- County Identified Agricultural Lands (2008) – these agricultural lands data were identified by the County of San Diego in its General Plan Update EIR. Agricultural data sources used in this calculation included: FMMP data; DPLU GIS vegetation data; California Department of Water Resources land use data; Cleveland National Forest grazing allotments data; USDA Statistics Service data; and Agricultural Weights and Measures Commodities data.
- SANDAG Land Use (2012) – Current data set of agricultural resources including grazing lands (field crops, grazing lands) and croplands (intensive agriculture, orchards and vineyards, and truck crops).
- San Diego County Agriculture Weights and Measures Agriculture Commodities data (2013) – this database represents field border boundaries of agricultural commodity production sites throughout the region.
- Existing vegetation communities mapping described in Section 4.4 and Appendix E to this EIR – these data include an agricultural lands category.
- DOC Farmland Mapping and Monitoring Program (FMMP) (2010) – these data identify Prime Farmlands, Farmland of Local Importance, Farmland of Statewide Importance, and Unique Farmland.

When categorizing a specific type to the general compiled categories the data was cross referenced by looking at the surrounding area to ensure that the information was contiguous and consistent. This mostly occurred in the commodities data because this data set had more specific categories compared to the County of San Diego categories. For example several types of fruits may be listed in the commodities data but the County of San Diego compiles those all as Orchards or Truck Crops. To ensure that the data was contiguous and consistent the surrounding area was looked at for reference. Table B-1 shows the steps used to generate these categories from the original data set categories to the consolidated data set categories.

**Table B-1**
**Crosswalk of Agricultural Type Categories**

| | | |
|---|---|---|
| #1. Step one was to identify the existing agriculture lands with the County of San Diego agricultural layer. This is the source of the categories used. | | |
| **County Agricultural Category** | | **Proposed Plan Agriculture Category** |
| Field Crops | | Field Crops |
| Grazing Lands | | Grazing Lands |
| Intensive Agriculture | | Intensive Agriculture |
| Orchards and Vineyards | | Orchards and Vineyards |
| Truck Crops | | Truck Crops |
| #2. The agriculture types from the SANDAG 2012 Land Use layer were identified and converted to the County of San Diego agricultural types as appropriate and applied to areas not covered by the County of San Diego agricultural layer. | | |
| **SANDAG Land Use Category** | | **Proposed Plan Agriculture Category** |
| 8001 | Orchard or Vineyard | Orchards and Vineyards |
| 8002 | Intensive Agriculture | Intensive Agriculture |
| 8003 | Field Crops | Field Crops |
| #3.Then the agricultural types in the County Agriculture Commodities data were identified and changed those to the County of San Diego agricultural types as appropriate and applied to areas not covered by the County of San Diego agricultural layer or the SANDAG 2012 layer. | | |
| #4.Then the agricultural types used in the SANDAG vegetation mapping for Section 4.4 of this EIR were used and applied to areas not covered by the County of San Diego agricultural layer, SANDAG 2012 Land Use, or the Agricultural Commodities layer. The areas in that layer were mapped Agriculture. Those that were not assigned were considered General Agriculture | | |
| **Vegetation Alliance** | | **Proposed Plan Agriculture Category** |
| Agriculture | | General Agriculture |
| #5. FMMP data was used to categorize any remaining agriculture lands not captured by the previous data sets. | | |
| **FMMP Designation** | | **Proposed Plan Agriculture Category** |
| Grazing Land | | Grazing Lands |
| Farmland of Local Importance | | General Agriculture |
| Prime Farmland | | General Agriculture |
| Farmland of Statewide Importance | | General Agriculture |
| Unique Farmland | | General Agriculture |

Impact AG-1. Conversion of Agricultural Land to Nonagricultural Use

Once the data was categorized conversion of agricultural lands to nonagricultural use were calculated. The direct impacts of regional growth and land use change were quantified using GIS methods by overlaying forecasted regional growth and land use change onto the existing agricultural lands. The analysis quantifies direct impacts to existing agricultural lands using different approaches for (1) growth in land use categories other than Spaced Rural Residential and (2) Spaced Rural Residential. Growth and land use change (other than growth in the Spaced Rural Residential category) that occurs within existing agricultural lands is considered a 100 percent conversion of existing agricultural land to a nonagricultural use. Tables B-2 through B-4 show the 100 percent conversions for 2020, 2035, and 2050.

The methodology for Spaced Rural Residential conversion of agricultural lands to nonagricultural use is described in Section 4.2.4. The results for 2020, 2035, and 2050 are shown in Tables B-5 through B-7. Transportation and Network Improvement conversion of agricultural lands to nonagricultural uses are considered 100 percent conversion. The results for 2020, 2035, and 2050 are shown in Table B-8.

Impact AG-2. Conflict with Zoning for Agricultural Use

Currently, most zoning designations within the County allow for agricultural operations. However, Section 2700-2720 of the Zoning Ordinance includes two specific agricultural use regulations: A70 limited agriculture and A72 general agriculture. The City of San Diego uses the zoning categories of AG-1-1 and AG1-2 the purpose of these zones is to accommodate all types of agricultural uses and some minor agricultural sales on a long-term basis. Nonagricultural uses are limited in the AG zones in order to strengthen the presence and retention of traditional agricultural uses. AR 1-1 and AR 1-2 zones is to accommodate a wide range of agricultural uses while also permitting the development of single dwelling unit homes at a very low density. The agricultural uses are limited to those of low intensity to minimize the potential conflicts with residential uses.

For AG-2, any existing lands zoned for agricultural use that would be designated for a nonagricultural land use are considered conflicts. The methods for estimating conflicts are the same as described for physical conversion in Impact AG-1, except that for Impact AG-2 is considered a 100 percent of existing land zoned for agricultural use that would be redesignated as Spaced Rural Residential is identified as a conflict with agricultural zoning. This is shown in Table B-9 for 2020, 2035, and 2050. Transportation and Network Improvement conflicting with agricultural zoning (AG-2) was calculated the same as Regional Growth and is also shown in Table B-10.

Impact AG-2. Conflict with Williamson Act Contracts

For conflicts with lands with Williamson Act contracts, the analysis assumes that the existing boundaries of these contracts would remain constant during the life of the proposed Plan. Using the 2010 land use data from DOC, conflicts were calculated by reviewing changes in land use designations that would occur on Williamson Act contract lands due to regional growth and land use change and transportation network improvements. This is shown in Table B-10 for 2020, 2035, and 2050.

Impact FR-1. Loss of Forest Lands

“Forest land” includes riparian forest/woodland and upland forest/woodland. Impacts to forest lands from regional growth and land use change and transportation network improvements are considered a 100 percent loss. Direct impacts are those resulting in damage to or death of vegetation from the direct actions of regional growth and land use change or transportation network improvements and programs. Table B-11 shows the loss of forest land 2020, 2035, and 2050.

**Table B-2**

**100 Percent Conversion of Agricultural Lands to Nonagricultural use From Regional Growth and Land Use Change, 2020**

| County General Plan Category | General Agriculture | Field Crops | Grazing Lands | Intensive Agriculture | Orchards and Vineyards | Truck Crops | Total |
|---|---|---|---|---|---|---|---|
| GENERAL COMMERCIAL | 1 | 17 | 3 | 0 | 3 | 3 | 28 |
| HIGH IMPACT INDUSTRIAL | 0 | 2 | 0 | 0 | 0 | 0 | 2 |
| LIMITED IMPACT INDUSTRIAL | 0 | 5 | 0 | 0 | 4 | 0 | 10 |
| MEDIUM IMPACT INDUSTRIAL | 0 | 20 | 11 | 3 | 0 | 0 | 34 |
| NEIGHBORHOOD COMMERCIAL | 3 | 0 | 0 | 3 | 0 | 0 | 6 |
| OFFICE PROFESSIONAL | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| OPEN SPACE (CONSERVATION) | 0 | 0 | 112 | 0 | 0 | 0 | 112 |
| OPEN SPACE (RECREATION) | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| PUBLIC AGENCY LANDS | 0 | 0 | 5 | 0 | 0 | 362 | 368 |
| PUBLIC/SEMI-PUBLIC FACILITIES | 40 | 98 | 275 | 15 | 155 | 157 | 740 |
| RURAL COMMERCIAL | 0 | 3 | 0 | 0 | 3 | 2 | 8 |
| SEMI-RURAL RESIDENTIAL (SR-0.5) | 0 | 0 | 7 | 0 | 0 | 0 | 7 |
| SEMI-RURAL RESIDENTIAL (SR-1) | 81 | 41 | 698 | 0 | 48 | 32 | 900 |
| SPECIFIC PLAN AREA | 16 | 22 | 446 | 0 | 145 | 1 | 631 |
| TRIBAL LANDS | 1 | 66 | 37 | 0 | 2 | 0 | 106 |
| VILLAGE CORE MIXED USE | 0 | 0 | 0 | 5 | 0 | 5 | 10 |
| VILLAGE RESIDENTIAL (VR-10.9) | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| VILLAGE RESIDENTIAL (VR-15) | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| VILLAGE RESIDENTIAL (VR-2) | 7 | 65 | 46 | 13 | 55 | 7 | 191 |
| VILLAGE RESIDENTIAL (VR-2.9) | 0 | 32 | 0 | 3 | 11 | 0 | 46 |
| VILLAGE RESIDENTIAL (VR-4.3) | 4 | 29 | 11 | 1 | 50 | 12 | 107 |
| VILLAGE RESIDENTIAL (VR-7.3) | 0 | 18 | 17 | 16 | 0 | 0 | 52 |
| Outside of County of SD General Plan | 259 | 752 | 3,240 | 37 | 481 | 776 | 5,545 |
| **Total, 2012 to 2020** | **413** | **1,172** | **4,909** | **96** | **957** | **1,358** | **8,904** |

**Table B-3**

**100 Percent Conversion of Agricultural Lands to Nonagricultural Use From Regional Growth and Land Use Change, 2035**

| County General Plan Category | General Agriculture | Field Crops | Grazing Lands | Intensive Agriculture | Orchards and Vineyards | Truck Crops | Total |
|---|---|---|---|---|---|---|---|
| GENERAL COMMERCIAL | 0 | 41 | 0 | 0 | 4 | 1 | 46 |
| HIGH IMPACT INDUSTRIAL | 2 | 2 | 48 | 0 | 0 | 9 | 62 |
| LIMITED IMPACT INDUSTRIAL | 3 | 2 | 11 | 0 | 10 | 0 | 26 |
| MEDIUM IMPACT INDUSTRIAL | 0 | 0 | 0 | 3 | 0 | 0 | 3 |
| NEIGHBORHOOD COMMERCIAL | 1 | 0 | 0 | 0 | 7 | 0 | 8 |
| OFFICE PROFESSIONAL | 0 | 0 | 2 | 0 | 0 | 0 | 2 |
| OPEN SPACE (CONSERVATION) | 0 | 0 | 292 | 0 | 1 | 0 | 293 |
| OPEN SPACE (RECREATION) | 0 | 0 | 6 | 0 | 0 | 0 | 6 |
| PUBLIC AGENCY LANDS | 0 | 0 | 1 | 0 | 0 | 0 | 1 |
| PUBLIC/SEMI-PUBLIC FACILITIES | 13 | 14 | 16 | 2 | 34 | 9 | 88 |
| PUBLIC/SEMI-PUBLIC LANDS | 0 | 0 | 1 | 0 | 4 | 2 | 8 |
| RURAL COMMERCIAL | 1 | 3 | 3 | 0 | 22 | 4 | 33 |
| SEMI-RURAL RESIDENTIAL (SR-0.5) | 8 | 113 | 23 | 15 | 17 | 7 | 184 |
| SEMI-RURAL RESIDENTIAL (SR-1) | 43 | 29 | 358 | 8 | 63 | 2 | 503 |
| SPECIFIC PLAN AREA | 161 | 62 | 900 | 86 | 524 | 42 | 1,775 |
| TRIBAL LANDS | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| VILLAGE CORE MIXED USE | 0 | 0 | 0 | 0 | 0 | 2 | 2 |
| VILLAGE RESIDENTIAL (VR-10.9) | 0 | 4 | 0 | 0 | 0 | 0 | 4 |
| VILLAGE RESIDENTIAL (VR-15) | 5 | 4 | 17 | 3 | 0 | 0 | 29 |
| VILLAGE RESIDENTIAL (VR-2) | 25 | 67 | 58 | 27 | 70 | 107 | 353 |
| VILLAGE RESIDENTIAL (VR-2.9) | 2 | 5 | 2 | 0 | 12 | 27 | 49 |
| VILLAGE RESIDENTIAL (VR-20) | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| VILLAGE RESIDENTIAL (VR-30) | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| VILLAGE RESIDENTIAL (VR-4.3) | 0 | 7 | 78 | 15 | 4 | 34 | 138 |
| VILLAGE RESIDENTIAL (VR-7.3) | 0 | 28 | 5 | 0 | 7 | 0 | 40 |
| Outside of County of SD General Plan | 84 | 931 | 2,558 | 103 | 139 | 381 | 4,195 |
| *Total, 2021-2035* | *349* | *1,312* | *4,380* | *262* | *918* | *626* | *7,847* |
| *Total, 2012-2020* | *413* | *1,172* | *4,909* | *96* | *957* | *1,358* | *8,904* |
| **Total, 2012-2035** | **761** | **2,484** | **9,288** | **359** | **1,875** | **1,983** | **16,751** |

**Table B-4**

**100 Percent Conversion of Agricultural Lands to Nonagricultural Use From Regional Growth and Land Use Change, 2050**

| County General Plan Category | General Agriculture | Field Crops | Grazing Lands | Intensive Agriculture | Orchards and Vineyards | Truck Crops | Total |
|---|---|---|---|---|---|---|---|
| GENERAL COMMERCIAL | 1 | 0 | 12 | 0 | 9 | 9 | 31 |
| HIGH IMPACT INDUSTRIAL | 2 | 0 | 60 | 0 | 0 | 2 | 63 |
| LIMITED IMPACT INDUSTRIAL | 0 | 1 | 0 | 0 | 0 | 0 | 1 |
| MEDIUM IMPACT INDUSTRIAL | 0 | 8 | 0 | 0 | 1 | 0 | 9 |
| NEIGHBORHOOD COMMERCIAL | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| OFFICE PROFESSIONAL | 1 | 0 | 0 | 0 | 0 | 0 | 1 |
| OPEN SPACE (CONSERVATION) | 0 | 0 | 1 | 0 | 0 | 0 | 1 |
| OPEN SPACE (RECREATION) | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| PUBLIC AGENCY LANDS | 0 | 1 | 0 | 0 | 0 | 0 | 1 |
| PUBLIC/SEMI-PUBLIC FACILITIES | 52 | 32 | 67 | 1 | 154 | 60 | 365 |
| PUBLIC/SEMI-PUBLIC LANDS | 2 | 9 | 0 | 0 | 20 | 3 | 33 |
| RURAL COMMERCIAL | 0 | 22 | 7 | 1 | 2 | 19 | 52 |
| SEMI-RURAL RESIDENTIAL (SR-0.5) | 4 | 4 | 170 | 4 | 0 | 4 | 187 |
| SEMI-RURAL RESIDENTIAL (SR-1) | 8 | 8 | 182 | 3 | 11 | 1 | 213 |
| SPECIFIC PLAN AREA | 55 | 46 | 721 | 10 | 245 | 36 | 1,113 |
| VILLAGE CORE MIXED USE | 0 | 0 | 0 | 30 | 0 | 0 | 31 |
| VILLAGE RESIDENTIAL (VR-15) | 0 | 1 | 5 | 1 | 0 | 1 | 7 |
| VILLAGE RESIDENTIAL (VR-2) | 2 | 11 | 0 | 2 | 14 | 40 | 68 |
| VILLAGE RESIDENTIAL (VR-2.9) | 1 | 5 | 24 | 0 | 3 | 9 | 41 |
| VILLAGE RESIDENTIAL (VR-20) | 0 | 1 | 9 | 0 | 3 | 5 | 18 |
| VILLAGE RESIDENTIAL (VR-24) | 0 | 5 | 0 | 0 | 0 | 0 | 5 |
| VILLAGE RESIDENTIAL (VR-4.3) | 0 | 1 | 6 | 0 | 7 | 0 | 14 |
| VILLAGE RESIDENTIAL (VR-7.3) | 0 | 2 | 0 | 0 | 8 | 4 | 15 |
| Outside of County of SD General Plan | 46 | 322 | 1,293 | 53 | 37 | 222 | 1,972 |
| *Total, 2036-2050* | *173* | *477* | *2,557* | *106* | *514* | *415* | *4,242* |
| *Total, 2021-2035* | *349* | *1,312* | *4,380* | *262* | *918* | *626* | *7,847* |
| *Total, 2012-2020* | *413* | *1,172* | *4,909* | *96* | *957* | *1,358* | *8,904* |
| **Total, 2012-2050** | **935** | **2,961** | **11,846** | **464** | **2,390** | **2,398** | **20,993** |

**Table B-5**
**Spaced Rural Residential Conversion of Agricultural Lands to Nonagricultural Use, 2020**

| County General Plan Category | Forecasted Development On Agricultural Lands | Minimum Lot Size | Maximum Lot Creation | Acres Converted Per Lot | Total Conversion |
|---|---|---|---|---|---|
| RURAL LANDS (RL-20) | 4,552 | 20 | 228 | 1.5 | 341 |
| RURAL LANDS (RL-40) | 3,176 | 40 | 79 | 1.5 | 119 |
| RURAL LANDS (RL-80) | 806 | 80 | 10 | 1.5 | 15 |
| SEMI-RURAL RESIDENTIAL (SR-10) | 1,045 | 10 | 105 | 1.5 | 157 |
| SEMI-RURAL RESIDENTIAL (SR-2) | 849 | 2 | 424 | 1.5 | 637 |
| SEMI-RURAL RESIDENTIAL (SR-4) | 797 | 4 | 199 | 1.5 | 299 |
| **Total, 2012-2020** | **11,224** | **n/a** | **1,045** | 1.5 | **1,568** |

**Table B-6**
**Spaced Rural Residential Conversion of Agricultural Lands to Nonagricultural Use, 2035**

| County General Plan Category | Forecasted Development On Agricultural Lands | Minimum Lot Size | Maximum Lot Creation | Acres Converted Per Lot | Total Conversion |
|---|---|---|---|---|---|
| RURAL LANDS (RL-20) | 3,250 | 20 | 162 | 1.5 | 244 |
| RURAL LANDS (RL-40) | 3,889 | 40 | 97 | 1.5 | 146 |
| RURAL LANDS (RL-80) | 2,145 | 80 | 27 | 1.5 | 40 |
| SEMI-RURAL RESIDENTIAL (SR-10) | 1,010 | 10 | 101 | 1.5 | 151 |
| SEMI-RURAL RESIDENTIAL (SR-2) | 2,276 | 2 | 1,138 | 1.5 | 1,707 |
| SEMI-RURAL RESIDENTIAL (SR-4) | 1,117 | 4 | 279 | 1.5 | 419 |
| *Total, 2021-2035* | *13,687* | *n/a* | *1,805* | *1.5* | *2,707* |
| *Total, 2012-2020* | *11,224* | *n/a* | *1,045* | *1.5* | *1,568* |
| **Total, 2012-2035** | **24,911** | **n/a** | **2,850** | **1.5** | **4,275** |

**Table B-7**
**Spaced Rural Residential Conversion of Agricultural Lands to Nonagricultural Use, 2050**

| County General Plan Category | Forecasted Development On Agricultural Lands | Minimum Lot Size | Maximum Lot Creation | Acres Converted Per Lot | Total Conversion |
|---|---|---|---|---|---|
| RURAL LANDS (RL-20) | 970 | 20 | 48 | 1.5 | 73 |
| RURAL LANDS (RL-40) | 2,835 | 40 | 71 | 1.5 | 106 |
| RURAL LANDS (RL-80) | 82 | 80 | 1 | 1.5 | 2 |
| SEMI-RURAL RESIDENTIAL (SR-10) | 280 | 10 | 28 | 1.5 | 42 |
| SEMI-RURAL RESIDENTIAL (SR-2) | 560 | 2 | 280 | 1.5 | 420 |
| SEMI-RURAL RESIDENTIAL (SR-4) | 504 | 4 | 126 | 1.5 | 189 |
| *Total, 2036-2050* | *5,231* | *n/a* | *554* | *1.5* | *832* |
| *Total, 2021-2035* | *13,687* | *n/a* | *1,805* | *1.5* | *2,707* |
| *Total, 2012-2020* | *11,224* | *n/a* | *1,045* | *1.5* | *1,568* |
| **Total, 2012-2050** | **30,142** | **n/a** | **3,405** | **1.5** | **5,107** |

**Table B-8**

**Conversion of Agricultural Lands to Nonagricultural Use from Transportation Network Improvements, all years**

| Transportation Network Improvement | Conversion to Nonagricultural Use | | | | |
|---|---|---|---|---|---|
| **Regional Arterials** | **2012-2020** | **2021-2035** | **2036-2050** | **2012-2035** | **2012-2050** |
| General Agriculture | 9 | 0 | 0 | 9 | 9 |
| Field Crops | 13 | 0 | 0 | 13 | 13 |
| Grazing Lands | 34 | 0 | 0 | 34 | 34 |
| Intensive Agriculture | 3 | 0 | 0 | 3 | 3 |
| Orchards and Vineyards | 23 | 0 | 0 | 23 | 23 |
| Truck Crops | 23 | 0 | 0 | 23 | 23 |
| **Total (acres)** | **105** | **0** | **0** | **105** | **105** |

| **Active Transportation** | **2012-2020** | **2021-2035** | **2036-2050** | **2012-2035** | **2012-2050** |
|---|---|---|---|---|---|
| General Agriculture | 0 | 1 | 1 | 1 | 2 |
| Field Crops | 1 | 1 | 2 | 1 | 3 |
| Grazing Lands | 0 | 5 | 6 | 5 | 11 |
| Intensive Agriculture | 0 | 0 | 0 | 0 | 0 |
| Orchards and Vineyards | 0 | 0 | 0 | 0 | 0 |
| Truck Crops | 0 | 0 | 1 | 0 | 1 |
| **Total (acres)** | **1** | **7** | **10** | **8** | **18** |

| **Managed Lanes/General Purpose Lanes** | **2012-2020** | **2021-2035** | **2036-2050** | **2012-2035** | **2012-2050** |
|---|---|---|---|---|---|
| General Agriculture | 7 | 12 | 49 | 19 | 67 |
| Field Crops | 25 | 4 | 61 | 29 | 90 |
| Grazing Lands | 289 | 146 | 348 | 436 | 784 |
| Intensive Agriculture | 3 | 2 | 4 | 5 | 9 |
| Orchards and Vineyards | 15 | 0 | 38 | 15 | 54 |
| Truck Crops | 32 | 1 | 80 | 33 | 113 |
| **Total (acres)** | **372** | **165** | **579** | **537** | **1,116** |

| **Rail** | **2012-2020** | **2021-2035** | **2036-2050** | **2012-2035** | **2012-2050** |
|---|---|---|---|---|---|
| General Agriculture | 0 | 0 | 0 | 0 | 0 |
| Field Crops | 0 | 0 | 0 | 0 | 0 |
| Grazing Lands | 3 | 8 | 3 | 11 | 14 |
| Intensive Agriculture | 1 | 0 | 1 | 1 | 1 |
| Orchards and Vineyards | 0 | 0 | 0 | 0 | 0 |
| Truck Crops | 0 | 0 | 0 | 0 | 0 |
| **Total (acres)** | **3** | **9** | **4** | **12** | **16** |

| **Total Conversion to Nonagricultural Use (acres)** | **2012-2020** | **2021-2035** | **2036-2050** | **2012-2035** | **2012-2050** |
|---|---|---|---|---|---|
| | **482** | **181** | **593** | **662** | **1,255** |

**Table B-9**

**Conflicts to Agricultural Zoning from the Proposed Plan, all years**

| **Regional Growth and Land Use Change** | | | | | |
|---|---|---|---|---|---|
| **County General Plan Category** | **2012-2020** | **2021-2035** | **2036-2050** | **2012-2035** | **2012-2050** |
| GENERAL COMMERCIAL | 0 | 0 | 0 | 0 | 0 |
| HIGH IMPACT INDUSTRIAL | 0 | 2 | 2 | 2 | 4 |
| LIMITED IMPACT INDUSTRIAL | 0 | 0 | 0 | 0 | 0 |
| MEDIUM IMPACT INDUSTRIAL | 0 | 0 | 0 | 0 | 0 |
| NEIGHBORHOOD COMMERCIAL | 0 | 0 | 0 | 0 | 0 |
| OFFICE PROFESSIONAL | 0 | 0 | 0 | 0 | 0 |
| OPEN SPACE (CONSERVATION) | 1 | 0 | 0 | 2 | 2 |
| OPEN SPACE (RECREATION) | 0 | 0 | 0 | 0 | 0 |
| PUBLIC AGENCY LANDS | 5 | 7 | 1 | 12 | 13 |
| PUBLIC/SEMI-PUBLIC FACILITIES | 785 | 78 | 659 | 863 | 1,522 |
| PUBLIC/SEMI-PUBLIC LANDS | 0 | 0 | 0 | 0 | 0 |
| RURAL COMMERCIAL | 0 | 0 | 1 | 0 | 2 |
| RURAL LANDS (RL-20) | 6,353 | 5,419 | 1,375 | 11,772 | 13,147 |
| RURAL LANDS (RL-40) | 17,023 | 16,331 | 8,490 | 33,353 | 41,844 |
| RURAL LANDS (RL-80) | 8,021 | 19,883 | 201 | 27,904 | 28,105 |
| SEMI-RURAL RESIDENTIAL (SR-0.5) | 0 | 115 | 15 | 115 | 130 |
| SEMI-RURAL RESIDENTIAL (SR-1) | 1,175 | 871 | 295 | 2,046 | 2,341 |
| SEMI-RURAL RESIDENTIAL (SR-10) | 3,299 | 2,927 | 757 | 6,226 | 6,983 |
| SEMI-RURAL RESIDENTIAL (SR-2) | 1,443 | 3,171 | 614 | 4,614 | 5,228 |
| SEMI-RURAL RESIDENTIAL (SR-4) | 1,380 | 2,231 | 607 | 3,611 | 4,218 |
| SPECIFIC PLAN AREA | 2 | 55 | 0 | 56 | 57 |
| TRIBAL LANDS | 29 | 0 | 0 | 29 | 29 |
| VILLAGE RESIDENTIAL (VR-10.9) | 0 | 0 | 0 | 0 | 0 |
| VILLAGE RESIDENTIAL (VR-15) | 0 | 0 | 0 | 0 | 0 |
| VILLAGE RESIDENTIAL (VR-2) | 128 | 87 | 46 | 215 | 261 |
| VILLAGE RESIDENTIAL (VR-2.9) | 23 | 44 | 57 | 67 | 124 |
| VILLAGE RESIDENTIAL (VR-4.3) | 1 | 3 | 0 | 4 | 4 |
| VILLAGE RESIDENTIAL (VR-7.3) | 2 | 0 | 0 | 2 | 2 |
| Outside of County of SD General Plan | 807 | 476 | 228 | 1,283 | 1,511 |
| ***Total, Regional Growth and Land Use Change (acres)*** | ***40,477*** | ***51,701*** | ***13,351*** | ***92,178*** | ***105,529*** |
| **Transportation Network Improvements** | | | | | |
| **Regional Arterials** | **2012-2020** | **2021-2035** | **2036-2050** | **2012-2035** | **2012-2050** |
| A70 | 36 | 0 | 0 | 36 | 36 |
| A72 | 11 | 0 | 0 | 11 | 11 |
| AR-1-1 | 2 | 0 | 0 | 2 | 2 |
| AR-1-2 | 0 | 0 | 0 | 0 | 0 |
| *Subtotal, Regional Arterials* | *49* | *0* | *0* | *49* | *49* |
| **Active Transportation Improvements** | **2012-2020** | **2021-2035** | **2036-2050** | **2012-2035** | **2012-2050** |
| A70 | 0 | 0 | 0 | 0 | 0 |
| A72 | 0 | 0 | 0 | 0 | 0 |
| AR-1-1 | 0 | 1 | 7 | 1 | 8 |
| AR-1-2 | 0 | 0 | 0 | 0 | 0 |
| *Subtotal, Active Transportation* | *0* | *1* | *7* | *1* | *8* |
| **Managed Lanes/General Purpose Lanes** | **2012-2020** | **2021-2035** | **2036-2050** | **2012-2035** | **2012-2050** |
| A70 | 33 | 2 | 105 | 35 | 140 |
| A72 | 75 | 0 | 9 | 75 | 83 |
| AR-1-1 | 14 | 97 | 144 | 111 | 255 |
| AR-1-2 | 0 | 45 | 13 | 45 | 58 |
| *Subtotal, Managed Lanes/General Purpose Lanes* | *122* | *143* | *271* | *265* | *536* |
| **Rail** | **2012-2020** | **2021-2035** | **2036-2050** | **2012-2035** | **2012-2050** |
| A70 | 0 | 0 | 0 | 0 | 0 |
| A72 | 0 | 0 | 0 | 0 | 0 |
| AR-1-1 | 0 | 15 | 13 | 15 | 28 |
| AR-1-2 | 0 | 1 | 2 | 1 | 4 |
| *Subtotal, Rail* | *0* | *16* | *15* | *16* | *32* |
| ***Total, Transportation Network Improvements (acres)*** | ***171*** | ***161*** | ***293*** | ***331*** | ***625*** |
| **Total, Proposed Plan (acres)** | **40,647** | **51,862** | **13,644** | **92,509** | **106,153** |

**Table B-10**

**Conflicts to Williamson Contracts from the Proposed Plan, all years**

| Conflicts with Williamson Act Contracts | 2012 to 2020 | 2021 to 2035 | 2036 to 2050 | 2012 to 2035 | 2012 to 2050 |
|---|---|---|---|---|---|
| Regional Growth and Land Use Change | 6,309 | 13,126 | 320 | 19,435 | 19,754 |
| Transportation Network Improvements | 1 | 0 | 1 | 1 | 2 |
| **Total** | 6,310 | 13,126 | 321 | 19,436 | 19,757 |

**Table B-11**

**Loss of Forest Land under the Proposed Plan, all years**

| **Regional Growth and Land Use Change** | | | | | |
|---|---|---|---|---|---|
| **Regional Growth and Land Use Change** | **2012-2020** | **2021-2035** | **2036-2050** | **2012-2035** | **2012-2050** |
| Riparian Forest/Woodland | 1,773 | 1,861 | 1,402 | 3,635 | 5,037 |
| Forest/Woodland | 8,787 | 12,953 | 1,033 | 21,740 | 22,773 |
| ***Total, Regional Growth and Land Use Change (acres)*** | ***10,561*** | ***14,814*** | ***2,435*** | ***25,375*** | ***27,810*** |
| **Transportation Network Improvements** | | | | | |
| **Regional Arterials** | **2012-2020** | **2021-2035** | **2036-2050** | **2012-2035** | **2012-2050** |
| Riparian Forest/Woodland | 23 | 1 | | 24 | 24 |
| Forest/Woodland | 3 | | | 3 | 3 |
| *Subtotal, Regional Arterials* | *26* | *1* | *0* | *27* | *27* |
| **Active Transportation Improvements** | **2012-2020** | **2021-2035** | **2036-2050** | **2012-2035** | **2012-2050** |
| Riparian Forest/Woodland | 1 | 8 | 3 | 10 | 12 |
| Forest/Woodland | | 0 | | 0 | 0 |
| *Subtotal, Active Transportation* | *1* | *8* | *3* | *10* | *12* |
| **Managed Lanes/General Purpose Lanes** | **2012-2020** | **2021-2035** | **2036-2050** | **2012-2035** | **2012-2050** |
| Riparian Forest/Woodland | 80 | 7 | 18 | 88 | 106 |
| Forest/Woodland | 4 | | 8 | 4 | 12 |
| *Subtotal, Managed Lanes/General Purpose Lanes* | *84* | *7* | *26* | *91* | *118* |
| **Rail** | **2012-2020** | **2021-2035** | **2036-2050** | **2012-2035** | **2012-2050** |
| Riparian Forest/Woodland | 2 | 3 | 3 | 5 | 9 |
| Forest/Woodland | | 0 | 0 | 0 | 0 |
| *Subtotal, Rail* | *2* | *4* | *3* | *6* | *9* |
| ***Total, Transportation Network Improvements (acres)*** | ***114*** | ***20*** | ***32*** | ***134*** | ***166*** |
| **Total, Proposed Plan (acres)** | **10,675** | **14,834** | **2,467** | **25,509** | **27,976** |