

Transportation Planning Fact Sheet

State Route (SR) 1 in Santa Barbara County



Purpose of this Transportation Planning Fact Sheet:

Transportation Planning Fact Sheets provide one comprehensive summary document that captures physical, social, political, and development characteristics along State Routes and provides web links to various planning resources and documents. Fact sheets are to be used as supplemental planning documents to existing Transportation Concept Reports (TCRs) and to future Corridor System Management Plans (CSMPs).

Route Description:

In Santa Barbara County, SR 1 is approximately 51 miles in length. According to the 2006 [Transportation Concept Report for State Route 1 in District 5](#), the route is divided into four segments - reference map below. It originates at the junction with US 101 and extends northwesterly, passing the Cities of Lompoc, Santa Maria and Guadalupe before reaching the Santa Barbara/San Luis Obispo County Line. In its entirety, SR 1 continues both north and south of Santa Barbara County through the coastal counties of Districts 4 and 7.



- Traffic: ranges from commuter, tourist, and local and serves as the major connector for the Vandenberg Air Force Base
- Access Control: conventional highway and expressway
- [Functional Classification](#): alternates between urban collector, rural minor arterial, urban minor arterial, rural other principal arterial, and urban other principal arterial
- Terrain: transitions between flat and rolling

Traffic Volumes:

- 2015 ADT: 4,900 - 30,800
- 2030 ADT: 9,700 - 37,900

Truck Traffic:

- Peak Hour: 3% - 7%
- ADT: 4.55% - 9.05%

Route Designations:

- Freeway and Expressway System
- Interregional Road System
- [National Highway System](#)
- [Scenic Highway System](#): portions designated as Official Route and Eligible Route
- [Truck Designations](#): portions designated as Terminal Access Route, Advisory 36' KPRA, and CA Legal 40' KPRA

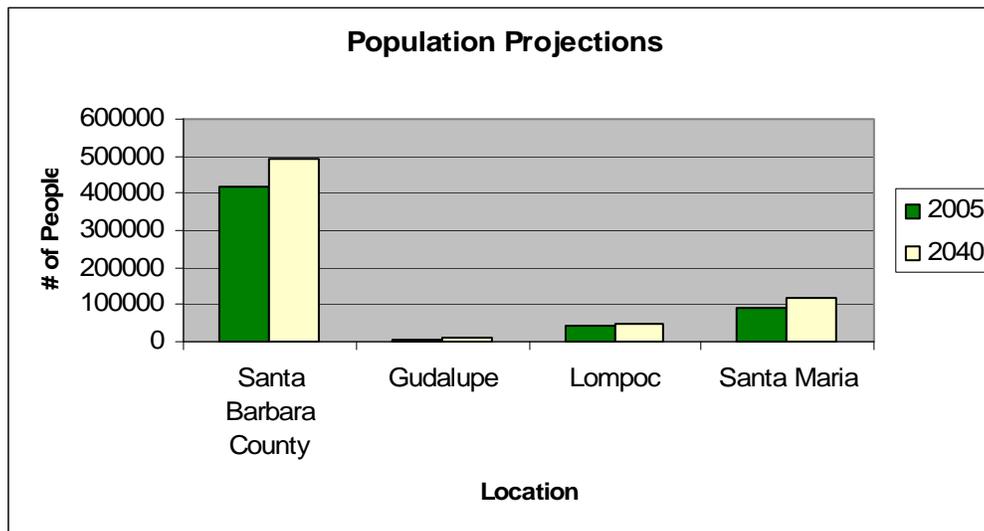
Future Concept:

According to the 2006 *Transportation Concept Report for State Route 1 in District 5* (p.22-23), the future concept for SR 1 in Santa Barbara County is provided by Level of Service (LOS):

Segment	Begin Postmile	End Postmile	Route Concept
1	R0.00	19.25	LOS D
2	19.25	R23.30	LOS C/D
3	R23.30	R34.78	LOS C
4	R34.78	50.61	LOS C

County Profile:

- [Santa Barbara County](#) consists of eight incorporated cities. [City of Lompoc](#), [City of Santa Maria](#) and [City of Guadalupe](#) are the only incorporated cities located along the SR 1 corridor in Santa Barbara County (web links connect to city/county general plans).
- According to the Santa Barbara County Association of Governments (SBCAG) 2007 [Regional Growth Forecast 2005 - 2040](#), 18% growth in Santa Barbara County between 2005 and 2040. This is a projected increase of 417,500 to 492,800 - reference the following chart.



(Santa Barbara County Association of Governments, August 2007 Regional Growth Forecast 2005-2040.)

- Approximately 37% of Santa Barbara County residents speak another language other than English at home (US Census Bureau).
- Santa Barbara County is a coastal area surrounded by the counties of San Luis Obispo, Kern, and Ventura. According to the SBCAG 2007 *Regional Growth Forecast 2005-2040*, an increase in commercial development and a reduction of residential development in the 1980's resulted in a jobs/housing imbalance in Santa Barbara County. This created greater demands on the regional transportation system, increasing the volume of highway commuters from northern Santa Barbara and Ventura County.

Bicycle Access:

- According to the 2006 *Transportation Concept Report for State Route 1 in District 5* (Appendix B-1), portions of SR 1 are designated Class III and Class II/III.
- According to the Caltrans-District 5 2004 [Bicycle Map: For State Highways of the Central Coast](#), all of the State Highways are open to bicyclist except at a few sections of freeways. There are no restrictions for bicycle use on SR 1.
- According to the [Santa Barbara County 2006 Bike Map](#), SR 1 is included as part of the Pacific Coast Bike Route for its entire length.
- In efforts to increase bicycle ridership which has been declining in Santa Barbara County since the 1980's, SBCAG produced the [2008 Draft Regional Bike Plan](#). The County of Santa Barbara adopted a bicycle master plan January 2005. The City of Santa Maria adopted a bicycle master plan in 1992, the City of Lompoc and has yet to adopt a bicycle master plan.

Public Transportation:

Urban transit and inter-city transit services provided along the SR 1 corridor in Santa Barbara County are listed as follows:

- [The Breeze](#) provides commuter bus service between Santa Maria, Vandenberg AFB and Lompoc.
- [Clean Air Express](#) offers commuter bus service from Lompoc and Santa Maria to Goleta and Santa Barbara.
- [City of Lompoc Transit \(COLT\)](#) provides fixed route and demand responsive services within the City of Lompoc.
- [Greyhound](#) offers intercity bus service between San Luis Obispo, Santa Maria, Santa Barbara, Ventura and Los Angeles.
- [Traffic Solutions](#) is a division of Santa Barbara County Association of Governments (SBCAG) which promotes alternatives to single vehicle ridership including walking, biking, carpooling, vanpooling and telecommuting through different transit services. [Park and Ride](#) is one example of a service provided by Traffic Solutions which offers meeting locations for people to park and carpool. Currently, five Park and Ride lots exist in Santa Barbara County with one located along the SR 1 corridor in Lompoc.

Intercity Rail Service:

[Amtrak](#) serves Santa Barbara County in providing rail and bus service from Los Angeles to Seattle. Their newly improved [Coast Starlight](#) train offers an all encompassing travel experience, complete with diner, sleeping and entertainment focused cars. Caltrans [Pacific Surfliner](#) also offers five trains a day with service from southern California to Santa Barbara. Two of these trains extend their route to San Luis Obispo. One of the five rail stations existing in Santa Barbara County is located along SR 1 in Guadalupe.

Airport:

Six airports are located throughout Santa Barbara County and include: [Santa Maria Public Airport District \(SMX\)](#), [Vandenberg Air Force Base \(VBG\)](#), [Lompoc Airport \(LPC\)](#), [Santa Ynez Valley Airport \(IZA\)](#), [Santa Barbara Municipal Airport \(SBA\)](#), and [New Cuyama Airport \(L88\)](#). Of these six, Santa Maria Public Airport

District and Santa Barbara Municipal Airport provide the most extensive public regional airline services in the County. The SR 1 corridor is closest in proximity to VBG, LPC and SMX.

Transportation Agencies:

- [Santa Barbara County Association of Governments \(SBCAG\)](#) – MPO/RTPA
- [Santa Barbara Metropolitan Transit District \(SBMTD\)](#)
- [City of Lompoc Transit \(COLT\)](#)
- [Santa Maria Area Transit \(SMAT\)](#)

TCR General Recommendations:

According to the 2006 *Transportation Concept Report for State Route 1 in District 5* (Appendix B-1), the recommended actions that are still relevant for SR 1 in Santa Barbara County include:

Segment 1:

- Construct system-wide operational improvements: passing lanes, turn-outs and channelization for turning movements, as appropriate.
- Provide standard width shoulders for improved bicycling conditions.
- Stabilize cut slopes along roadway.
- Install CMS on US 101 and/or SR 246 to warn of lanes blockages on Segment 1.
- Encourage use of SR 246 as alternative route.
- Encourage car-pooling or vanpooling for journey to work on South Coast.

Segment 2:

- Evaluate effects of Central Avenue Extension on segment traffic.
- Consider improving local circulation with parallel arterial couplets or other patterns to relieve traffic on Ocean and H streets.
- Widen east bridge over Santa Ynez River for northbound operations for bicyclists.
- Improve circulation for bicycle travel through intersection with Harris Grade and Purisima Roads at north end of segment.

Segment 3:

- Enhance COLT, Breeze, and Clean Air Express Service as needed.
- Limit access to highway.

Segment 4:

- Add passing lanes or turnouts to improve operations.
- Provide channelization for turns.
- Improve local circulation in Guadalupe.
- Provide elevated railroad crossing on SR 166 or a parallel alignment in Guadalupe for reliable access between Route 1 and Santa Maria.
- Widen Santa Maria River Bridge north of Guadalupe.

State Highway Projects:

For an updated list of State Highway projects (including State Transportation Improvement Plan/State Highway Operation and Protection Program) along SR 1 in Santa Barbara County, click the Caltrans District 5 *Status of Projects* web link: <http://www.dot.ca.gov/dist05/projects/pdf/d5sop.pdf>

- For more information about Caltrans Santa Barbara County highway projects, visit: <http://www.dot.ca.gov/dist05/projects/#sb>
- Transportation Projects identified in the SBCAG 2008 Regional Transportation Plan: <http://www.sbcag.org/publications.html>

- Local Agency STIP Projects - Caltrans Local Assistance Website:
http://www.dot.ca.gov/dist05/local/stip_index.html

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