

**Data flows from: Buellton Advanced Crosswalks (Planned)**

Santa Barbara County Local ITS

- To: Buellton Signal System (Existing)
  - Planned flow: request for right-of-way
  - Planned flow: roadway equipment coordination

**Data flows from: Buellton Signal System (Existing)**

Santa Barbara County Local ITS

- To: Buellton Advanced Crosswalks (Planned)
  - Planned flow: roadway equipment coordination

**Data flows from: Caltrans D4 TMC (Existing)**

Santa Barbara County Local ITS

- To: Caltrans D5 TMC (Existing)
  - Planned flow: alert notification
  - Existing flow: alert notification coordination
  - Planned flow: alert status
  - Existing flow: emergency plan coordination
  - Planned flow: emergency route request
  - Planned flow: emergency routes
  - Planned flow: emergency traffic control information
  - Planned flow: emergency traffic control request
  - Existing flow: evacuation coordination
  - Planned flow: evacuation information
  - Existing flow: incident command information coordination
  - Planned flow: incident information
  - Planned flow: incident report
  - Existing flow: incident response coordination
  - Planned flow: incident response status
  - Planned flow: remote surveillance control
  - Existing flow: resource coordination
  - Planned flow: resource deployment status
  - Planned flow: resource request
  - Planned flow: road network conditions
  - Planned flow: road network probe information
  - Planned flow: road network status assessment
  - Planned flow: threat information
  - Planned flow: threat information coordination
  - Planned flow: traffic control coordination
  - Existing flow: traffic images
  - Existing flow: traffic information coordination
  - Existing flow: transportation system status

**Data flows from: Caltrans D5 (Portable) HAR (Planned)**

Santa Barbara County Local ITS

- To: Caltrans D5 TMC (Existing)
  - Planned flow: roadway information system status

**Data flows from: Caltrans D5 CCTV (Existing)**

*Santa Barbara County Local ITS*

To: Caltrans D5 TMC (Existing)

Existing flow: traffic images

**Data flows from: Caltrans D5 CMS (Programmed)**

*Santa Barbara County Local ITS*

To: Caltrans D5 TMC (Existing)

Programmed flow: roadway information system status

**Data flows from: Caltrans D5 Ramp Meters (Programmed)**

*Santa Barbara County Local ITS*

To: Caltrans D5 TMC (Existing)

Programmed flow: freeway control status

**Data flows from: Caltrans D5 Signal System (Existing)**

*Santa Barbara County Local ITS*

To: Caltrans D5 TMC (Existing)

Existing flow: signal control status

Existing flow: traffic flow

**Data flows from: Caltrans D5 TMC (Existing)**

Santa Barbara County Local ITS

- To: Caltrans D4 TMC (Existing)
  - Planned flow: alert notification
  - Existing flow: alert notification coordination
  - Planned flow: alert status
  - Existing flow: emergency plan coordination
  - Planned flow: emergency route request
  - Planned flow: emergency routes
  - Planned flow: emergency traffic control information
  - Planned flow: emergency traffic control request
  - Existing flow: evacuation coordination
  - Planned flow: evacuation information
  - Planned flow: incident command information coordination
  - Planned flow: incident information
  - Planned flow: incident report
  - Existing flow: incident response coordination
  - Planned flow: incident response status
  - Planned flow: remote surveillance control
  - Existing flow: resource coordination
  - Planned flow: resource deployment status
  - Planned flow: resource request
  - Planned flow: road network conditions
  - Planned flow: road network probe information
  - Planned flow: road network status assessment
  - Planned flow: threat information
  - Planned flow: threat information coordination
  - Planned flow: traffic control coordination
  - Planned flow: traffic images
  - Existing flow: traffic information coordination
  - Existing flow: transportation system status
- To: Caltrans D5 (Portable) HAR (Planned)
  - Existing flow: roadway information system data
- To: Caltrans D5 CCTV (Existing)
  - Existing flow: video surveillance control
- To: Caltrans D5 CMS (Programmed)
  - Programmed flow: roadway information system data
- To: Caltrans D5 Ramp Meters (Programmed)
  - Programmed flow: freeway control data
- To: Caltrans D5 Signal System (Existing)
  - Existing flow: signal control data
  - Existing flow: traffic sensor control
- To: Caltrans D5 Traffic Monitoring Stations (Planned)
  - Planned flow: traffic sensor control

**To: Caltrans D7 TMC (Existing)**

- Planned flow: alert notification
- Existing flow: alert notification coordination
- Planned flow: alert status
- Existing flow: emergency plan coordination
- Planned flow: emergency route request
- Planned flow: emergency routes
- Planned flow: emergency traffic control information
- Planned flow: emergency traffic control request
- Existing flow: evacuation coordination
- Planned flow: evacuation information
- Existing flow: incident command information coordination
- Existing flow: incident information
- Existing flow: incident report
- Existing flow: incident response coordination
- Existing flow: incident response status
- Existing flow: remote surveillance control
- Existing flow: resource coordination
- Existing flow: resource deployment status
- Existing flow: resource request
- Existing flow: road network conditions
- Planned flow: road network probe information
- Planned flow: road network status assessment
- Planned flow: threat information
- Planned flow: threat information coordination
- Existing flow: traffic control coordination
- Existing flow: traffic images
- Existing flow: traffic information coordination
- Existing flow: transportation system status

**To: SBCAG 511 (Planned)**

- Planned flow: alert notification
- Planned flow: emergency acknowledge
- Planned flow: evacuation information
- Planned flow: incident information
- Planned flow: request fare and price information
- Planned flow: road network conditions
- Planned flow: transportation system status

**Data flows from: Caltrans D5 Traffic Monitoring Stations (Planned)***Santa Barbara County Local ITS***To: Caltrans D5 TMC (Existing)**

- Planned flow: traffic flow

**Data flows from: Caltrans D7 TMC (Existing)**

Santa Barbara County Local ITS

## To: Caltrans D5 TMC (Existing)

- Planned flow: alert notification
- Existing flow: alert notification coordination
- Planned flow: alert status
- Existing flow: emergency plan coordination
- Planned flow: emergency route request
- Planned flow: emergency routes
- Planned flow: emergency traffic control information
- Planned flow: emergency traffic control request
- Existing flow: evacuation coordination
- Planned flow: evacuation information
- Existing flow: incident command information coordination
- Existing flow: incident information
- Existing flow: incident report
- Existing flow: incident response coordination
- Existing flow: incident response status
- Existing flow: remote surveillance control
- Existing flow: resource coordination
- Existing flow: resource deployment status
- Existing flow: resource request
- Existing flow: road network conditions
- Planned flow: road network probe information
- Planned flow: road network status assessment
- Planned flow: threat information
- Planned flow: threat information coordination
- Existing flow: traffic control coordination
- Existing flow: traffic images
- Existing flow: traffic information coordination
- Existing flow: transportation system status

**Data flows from: Central Coast Dial-A-Ride Operators (Existing)**Santa Barbara County Local ITS

## To: City of Lompoc Transit (COLT) (Existing)

- Existing flow: transit fare coordination
- Existing flow: transit schedule information
- Existing flow: transit service coordination

## To: Guadalupe Flyer (Existing)

- Existing flow: transit fare coordination
- Existing flow: transit schedule information
- Existing flow: transit service coordination

## To: Santa Barbara Metropolitan Transit District (SBMTD) (Existing)

- Existing flow: transit fare coordination
- Existing flow: transit schedule information
- Existing flow: transit service coordination

## To: Santa Ynez Valley Transit (SYVT) (Existing)

- Existing flow: transit fare coordination
- Existing flow: transit service coordination
- Existing flow: transit traveler information coordination

To: SMAT (Santa Maria Area Transit) (Existing)

Existing flow: transit fare coordination

Existing flow: transit schedule information

Existing flow: transit service coordination

**Data flows from: CHP CAD (Existing)**

*Santa Barbara County Local ITS*

To: SBCAG Call Boxes (Existing)

Existing flow: incident notification response

**Data flows from: City of Lompoc Transit (COLT) (Existing)**

*Santa Barbara County Local ITS*

To: COLT Vehicle Locator (AVL) (Planned)

Planned flow: transit schedule information

**Data flows from: COLT Vehicle Locator (AVL) (Planned)**

*Santa Barbara County Local ITS*

To: City of Lompoc Transit (COLT) (Existing)

Planned flow: transit vehicle location data

Planned flow: transit vehicle schedule performance

**Data flows from: Goleta Advanced Crosswalks (Existing)**

*Santa Barbara County Local ITS*

To: Goleta Signal System (Existing)

Existing flow: request for right-of-way

Existing flow: roadway equipment coordination

**Data flows from: Goleta Signal System (Existing)**

*Santa Barbara County Local ITS*

To: Goleta Advanced Crosswalks (Existing)

Existing flow: roadway equipment coordination

**Data flows from: Private Call Answering Center (PCAC) (Programmed)**

*Santa Barbara County Local ITS*

To: Santa Barbara County Emergency Medical Services (Existing)

Programmed flow: emergency dispatch requests

Programmed flow: emergency plan coordination

Programmed flow: incident report

Programmed flow: suggested route

Programmed flow: transportation system status

To: Santa Barbara County TMC (Programmed)

Programmed flow: emergency plan coordination

Programmed flow: incident information

Programmed flow: incident response coordination

Programmed flow: resource request

To: SBCAG Call Boxes (Existing)

Programmed flow: incident notification response

To: SBCAG Freeway Service Patrol (Programmed)

- Programmed flow: incident report
- Programmed flow: incident response coordination
- Programmed flow: suggested route
- Programmed flow: transportation system status

To: SBCAG Smart Call Boxes (Planned)

- Planned flow: incident notification response

**Data flows from: Santa Barbara (City) Advanced Crosswalks (Planned)**

*Santa Barbara County Local ITS*

To: Santa Barbara (City) Signal System (Existing)

- Planned flow: request for right-of-way
- Planned flow: roadway equipment coordination

**Data flows from: Santa Barbara (City) Signal System (Existing)**

*Santa Barbara County Local ITS*

To: Santa Barbara (City) Advanced Crosswalks (Planned)

- Planned flow: roadway equipment coordination

**Data flows from: Santa Barbara County CCTV (Existing)**

*Santa Barbara County Local ITS*

To: Santa Barbara County TMC (Programmed)

- Programmed flow: traffic images

**Data flows from: Santa Barbara County Emergency Medical Services (Existing)**

*Santa Barbara County Local ITS*

To: Private Call Answering Center (PCAC) (Programmed)

- Programmed flow: emergency dispatch response
- Programmed flow: emergency plan coordination
- Programmed flow: incident response coordination
- Programmed flow: incident status

To: Santa Barbara County TMC (Programmed)

- Programmed flow: emergency plan coordination
- Programmed flow: emergency route request
- Programmed flow: emergency traffic control request
- Programmed flow: incident information
- Programmed flow: incident report
- Programmed flow: incident response coordination
- Programmed flow: resource request

**Data flows from: Santa Barbara County Signal System (Existing)**

*Santa Barbara County Local ITS*

To: Santa Barbara County TMC (Programmed)

- Programmed flow: signal control status
- Programmed flow: traffic flow

**Data flows from: Santa Barbara County TMC (Programmed)**

**Santa Barbara County Local ITS**

- To: Private Call Answering Center (PCAC) (Programmed)
  - Programmed flow: emergency plan coordination
  - Programmed flow: incident response coordination
  - Programmed flow: road network conditions
- To: Santa Barbara County CCTV (Existing)
  - Programmed flow: video surveillance control
- To: Santa Barbara County Emergency Medical Services (Existing)
  - Programmed flow: emergency plan coordination
  - Programmed flow: emergency routes
  - Programmed flow: incident information
  - Programmed flow: incident response coordination
  - Programmed flow: road network conditions
  - Programmed flow: suggested route
- To: Santa Barbara County Signal System (Existing)
  - Programmed flow: signal control data
  - Programmed flow: traffic sensor control

**Data flows from: Santa Barbara Metropolitan Transit District (SBMTD) (Existing)****Santa Barbara County Local ITS**

- To: Santa Barbara MTD AVL (Planned)
  - Planned flow: transit schedule information
- To: Santa Barbara MTD Kiosks (Existing)
  - Existing flow: transit traveler information
- To: Santa Barbara MTD Website (Existing)
  - Existing flow: transit traveler information

**Data flows from: Santa Barbara MTD AVL (Planned)****Santa Barbara County Local ITS**

- To: Santa Barbara Metropolitan Transit District (SBMTD) (Existing)
  - Planned flow: transit vehicle location data

**Data flows from: Santa Barbara MTD Kiosks (Existing)****Santa Barbara County Local ITS**

- To: Santa Barbara Metropolitan Transit District (SBMTD) (Existing)
  - Existing flow: transit information user request

**Data flows from: Santa Barbara MTD Website (Existing)****Santa Barbara County Local ITS**

- To: Santa Barbara Metropolitan Transit District (SBMTD) (Existing)
  - Existing flow: transit information user request

**Data flows from: SBCAG 511 (Planned)**



Santa Barbara County Local ITS

- To: Caltrans D5 TMC (Existing)
  - Planned flow: alert status
  - Planned flow: emergency notification
  - Planned flow: fare and price information
  - Planned flow: logged vehicle routes
  - Planned flow: road network probe information

**Data flows from: SBCAG Call Boxes (Existing)**

Santa Barbara County Local ITS

- To: CHP CAD (Existing)
  - Existing flow: incident notification
- To: Private Call Answering Center (PCAC) (Programmed)
  - Programmed flow: incident notification

**Data flows from: SBCAG Dynamic Carpool System (Planned)**

Santa Barbara County Local ITS

- To: SBCAG Planning (Existing)
  - Planned flow: traveler archive data

**Data flows from: SBCAG Freeway Service Patrol (Programmed)**

Santa Barbara County Local ITS

- To: Private Call Answering Center (PCAC) (Programmed)
  - Programmed flow: incident response coordination
  - Programmed flow: incident status

**Data flows from: SBCAG Planning (Existing)**

Santa Barbara County Local ITS

- To: SBCAG Dynamic Carpool System (Planned)
  - Planned flow: archive requests
  - Planned flow: archive status

**Data flows from: SBCAG Smart Call Boxes (Planned)**

Santa Barbara County Local ITS

- To: Private Call Answering Center (PCAC) (Programmed)
  - Planned flow: incident notification
  - Planned flow: Smart Call Box Information

**Data flows from: SMAT (Santa Maria Area Transit) (Existing)**

Santa Barbara County Local ITS

- To: SMAT AVL (Planned)
  - Planned flow: transit schedule information
- To: SMAT Smart Card (Planned)
  - Planned flow: fare and payment status
  - Planned flow: fare management information

**Data flows from: SMAT AVL (Planned)**

Santa Barbara County Local ITS

To: SMAT (Santa Maria Area Transit) (Existing)

Planned flow: transit vehicle location data

**Data flows from: SMAT Smart Card (Planned)**

Santa Barbara County Local ITS

To: SMAT (Santa Maria Area Transit) (Existing)

Planned flow: transit vehicle passenger and use data