# **Operational Concepts**



# Stakeholder: Amtrak

# Role/Area: Transit Services -- Santa Barbara Regional

Provide inter-jurisdictional transit services and information

- 1) Regional coordination of passenger and fare information/apportionment (Planned)
- 2) Regional sharing/coordination of transit schedule information (Existing)

# **Operational Concepts (cont...)**



# **Stakeholder: California Department of Transportation (Caltrans)**

## Role/Area: Traveler Information -- Santa Barbara Regional

Regional transportation information dissemination

- Collect information via CCTV, loop detectors, smart call boxes, as well as CHP and other information sources. (Existing)
- 2) Disseminate Regional and Statewide transportation information via 511 (1-800-427-ROAD), Caltrans and websites, TV, CMS, EMS, HAR, etc. (Existing)



# Stakeholder: California Highway Patrol (CHP)

### Role/Area: Emergency Management -- Santa Barbara Regional

Emergency management utilizing inter-jurisdictional collaboration

Responsibilities:

- 1) Coordinate emergency response activities with other Agencies as needed, to manage the effects & impact on the Regional transportation system (Existing)
- 2) Disseminate information to the public and media, as appropriate (Existing)

### Role/Area: Emergency Management in Santa Barbara County

Perform emergency management services in Santa Barbara County

Responsibilities:

- 1) Call taking and dispatch for calls from other Agencies (Existing)
- 2) Call taking and dispatch for public-initiated calls (Existing)
- 3) Coordinate activities with other EM providers, as needed (Existing)
- 4) Develop coordinated emergency response plans (Existing)
- 5) Perform emergency services, as needed (Existing)
- 6) Provide logistical support for field personnel (routing information, patch calls, etc.) (Existing)

### Role/Area: Freeway Management -- Santa Barbara Regional

Coordinated management of the area freeways and highways

Responsibilities:

1) Coordinate freeway operations and information with Caltrans Districts and local Agencies, as appropriate (Existing)

#### Role/Area: Incident Management -- Santa Barbara Regional

Coordinated, multi-jurisdictional incident management activities

Responsibilities:

 Coordinate activities with other Agencies to manage Regionally-significant (planned and unplanned) incidents (Existing)

### Role/Area: Traveler Information -- Santa Barbara Regional

Regional transportation information dissemination

Responsibilities:

1) Collect and disseminate Regional incident information via website (Existing)



### Stakeholder: Caltrans D4

### Role/Area: Emergency Management -- Santa Barbara Regional

Emergency management utilizing inter-jurisdictional collaboration

#### Responsibilities:

- 1) Back-up District 5 TMC operations during the periods District 5 TMC is not operational (Planned)
- Coordinate emergency response activities with other Agencies as needed, to manage the effects & impact on the Regional transportation system (Existing)
- 3) Disseminate information to the public and media, as appropriate (Existing)

### Role/Area: Freeway Management -- Santa Barbara Regional

Coordinated management of the area freeways and highways

#### Responsibilities:

- 1) Back-up District 5 TMC operations during the periods District 5 TMC is not operational (Planned)
- Coordinate freeway operations and information with other Caltrans Districts, CHP, and local Agencies, as appropriate (Existing)
- 3) Issue advisories (weather, disaster, etc.) to local Agencies and media, as needed (Existing)
- 4) Manage/maintain State-operated highways/roads (includes ramp meters, signals, etc.) (Existing)
- 5) Provide staff to operate TMC during operating hours and as needed for emergencies (Existing)

## Role/Area: Incident Management -- Santa Barbara Regional

Coordinated, multi-jurisdictional incident management activities

- 1) Back-up District 5 TMC operations during the periods District 5 TMC is not operational (Existing)
- 2) Coordinate activities with other Agencies to manage Regionally-significant (planned and unplanned) incidents (Existing)



### Stakeholder: Caltrans D5

### Role/Area: Archived Data Systems -- Santa Barbara Regional

Collect and manage Regionally (Central Coast) significant transportation-related data

#### Responsibilities:

1) Participate with the update the MPO and local ITS Architectures (Planned)

### Role/Area: Emergency Management -- Santa Barbara Regional

Emergency management utilizing inter-jurisdictional collaboration

#### Responsibilities:

- 1) Coordinate emergency response activities with other Agencies as needed, to manage the effects & impact on the Regional transportation system (Existing)
- 2) Develop/coordinate interjurisdictional disaster and emergency response plans (Existing)
- 3) Dispatch and coordinate resources to handle incidents (Existing)
- 4) Disseminate information to the public and media, as appropriate (Existing)
- 5) Processing calls from other Agencies (Existing)
- 6) Processing calls from PCAC(s) (Planned)

### Role/Area: Emergency Management in Santa Barbara County

Perform emergency management services in Santa Barbara County

#### Responsibilities:

- 1) Call taking and dispatch for calls from other Agencies (Existing)
- 2) Coordinate activities with other EM providers, as needed (Existing)
- 3) Develop coordinated emergency response plans (Existing)
- 4) Perform emergency services, as needed (Existing)
- 5) Provide logistical support for field personnel (routing information, patch calls, etc.) (Existing)

### Role/Area: Freeway Management -- Santa Barbara Regional

Coordinated management of the area freeways and highways

#### Responsibilities:

- 1) Coordinate freeway operations and information with other Caltrans Districts, CHP, and local Agencies, as appropriate (Existing)
- 2) Issue advisories (weather, disaster, etc.) to local Agencies and media, as needed (Existing)
- 3) Manage/maintain State-operated highways/roads (includes ramp meters, signals, etc.) (Existing)

#### Role/Area: Incident Management -- Santa Barbara Regional

Coordinated, multi-jurisdictional incident management activities

#### Responsibilities:

1) Coordinate activities with other Agencies to manage Regionally-significant (planned and unplanned) incidents (Existing)

# **Operational Concepts (cont...)**



# Stakeholder: Caltrans D5

## Role/Area: Incident Management in Santa Barbara County

Incident management activities in Santa Barbara County

- 1) Issue advisories to local Agencies and the media, as needed (Existing)
- 2) Notify/coordinate with emergency service providers (CHP, local Agency) about detected incidents on State-operated highways/roads, as appropriate (Existing)
- 3) Perform work as needed to clear incidents (Existing)



### Stakeholder: Caltrans D7

### Role/Area: Emergency Management -- Santa Barbara Regional

Emergency management utilizing inter-jurisdictional collaboration

#### Responsibilities:

- 1) Coordinate emergency response activities with other Agencies as needed, to manage the effects & impact on the Regional transportation system (Existing)
- 2) Develop/coordinate interjurisdictional disaster and emergency response plans (Existing)
- 3) Dispatch and coordinate resources to handle incidents (Existing)
- 4) Disseminate information to the public and media, as appropriate (Existing)
- 5) Processing calls from area call boxes and telephones (Existing)
- 6) Processing calls from other Agencies (Existing)
- 7) Processing calls from PCAC(s) (Planned)

#### Role/Area: Emergency Management in Santa Barbara County

Perform emergency management services in Santa Barbara County

#### Responsibilities:

- 1) Call taking and dispatch for calls from other Agencies (Existing)
- 2) Coordinate activities with other EM providers, as needed (Existing)
- 3) Develop coordinated emergency response plans (Existing)
- 4) Perform emergency services, as needed (Existing)
- 5) Provide logistical support for field personnel (routing information, patch calls, etc.) (Existing)

### Role/Area: Freeway Management -- Santa Barbara Regional

Coordinated management of the area freeways and highways

### Responsibilities:

1) Coordinate freeway operations and information with other Caltrans Districts, CHP, and local Agencies, as appropriate (Existing)

### Role/Area: Incident Management -- Santa Barbara Regional

Coordinated, multi-jurisdictional incident management activities

#### Responsibilities:

 Coordinate activities with other Agencies to manage Regionally-significant (planned and unplanned) incidents (Existing)

#### Role/Area: Incident Management in Santa Barbara County

Incident management activities in Santa Barbara County

- 1) Issue advisories to local Agencies and the media, as needed (Existing)
- 2) Notify/coordinate with emergency service providers (CHP, local Agency) about detected incidents on State-operated highways/roads, as appropriate (Existing)
- 3) Perform work as needed to clear incidents (Existing)

# **Operational Concepts (cont...)**



# Stakeholder: Central Coast Dial-A-Ride-Operators

## Role/Area: Transit Services -- Santa Barbara Regional

Provide inter-jurisdictional transit services and information

Responsibilities:

1) Regional sharing/coordination of transit schedule information (Existing)

### Role/Area: Transit Services in Santa Barbara County

Operation and maintenance of transit services, equipment, facilities within Santa Barbara County

Responsibilities:

1) Operate and maintain an on-demand transit system, including vehicle routing, scheduling, fare processing, maintenance, etc. (Existing)

# **Operational Concepts (cont...)**



# Stakeholder: Central Coast EMS and Incident Management Agencies

Role/Area: Emergency Management -- Santa Barbara Regional

Emergency management utilizing inter-jurisdictional collaboration

Responsibilities:

1) Coordinate Regional emergency response activities with other Agencies as needed (Existing)

# **Operational Concepts (cont...)**



# Stakeholder: Central Coast MPOs/RTPAs

## Role/Area: Archived Data Systems -- Santa Barbara Regional

Collect and manage Regionally (Central Coast) significant transportation-related data

- 1) Collect/manage/share Regionally significant transportation data for other Central Coast Counties (Existing)
- 2) Participate in the maintenance of the CCITS Regional ITS Project Architecture (Planned)

# **Operational Concepts (cont...)**



# **Stakeholder: Central Coast TMC Agencies**

Role/Area: Surface Street Management -- Santa Barbara Regional

Regional coordination of surface street management (Center-to-center)

Responsibilities:

1) Coordinate traffic signal operations with other TMCs in the Region as appropriate (Planned)

# **Operational Concepts (cont...)**



# **Stakeholder: Central Coast Transit Agencies**

## Role/Area: Transit Services -- Santa Barbara Regional

Provide inter-jurisdictional transit services and information

- 1) Regional coordination of passenger and fare information/apportionment (Planned)
- 2) Regional sharing/coordination of transit schedule information (Existing)

# **Operational Concepts (cont...)**



# Stakeholder: City of Buellton

Role/Area: Surface Street Management in Santa Barbara County

Management of the traffic signal system in Santa Barbara County

Responsibilities:

# **Operational Concepts (cont...)**



# Stakeholder: City of Carpinteria

Role/Area: Surface Street Management in Santa Barbara County

Management of the traffic signal system in Santa Barbara County

Responsibilities:

# **Operational Concepts (cont...)**



# Stakeholder: City of Goleta

Role/Area: Surface Street Management in Santa Barbara County

Management of the traffic signal system in Santa Barbara County

Responsibilities:



# Stakeholder: City of Guadalupe

### Role/Area: Surface Street Management in Santa Barbara County

Management of the traffic signal system in Santa Barbara County

Responsibilities:

1) Operate and maintain (surface street) traffic signal system (Planned)

## Role/Area: Transit Services -- Santa Barbara Regional

Provide inter-jurisdictional transit services and information

Responsibilities:

- 1) Regional coordination of passenger and fare information/apportionment (Planned)
- 2) Regional sharing/coordination of transit schedule information (Existing)

#### Role/Area: Transit Services in Santa Barbara County

Operation and maintenance of transit services, equipment, facilities within Santa Barbara County

Responsibilities:

1) Operate and maintain a fixed-route transit system, including vehicle routing, scheduling, fare processing, maintenance, etc. (Existing)

# **Operational Concepts (cont...)**



# Stakeholder: City of Lompoc

Role/Area: Surface Street Management in Santa Barbara County

Management of the traffic signal system in Santa Barbara County

Responsibilities:



# Stakeholder: City of Lompoc Transit (COLT)

### Role/Area: Transit Services -- Santa Barbara Regional

Provide inter-jurisdictional transit services and information

#### Responsibilities:

- 1) Regional coordination of passenger and fare information/apportionment (Planned)
- 2) Regional sharing/coordination of transit schedule information (Existing)

## Role/Area: Transit Services in Santa Barbara County

Operation and maintenance of transit services, equipment, facilities within Santa Barbara County

- 1) Operate and maintain a fixed-route transit system, including vehicle routing, scheduling, fare processing, maintenance, etc. (Existing)
- 2) Track vehicle location and adherence to schedule (Planned)



# Stakeholder: City of Santa Barbara

### Role/Area: Parking Management -- Santa Barbara Regional

Coordinated operation and maintenance of parking facilities in the Central Coast

Responsibilities:

1) Accept and coordinate payment of parking fees via Regional smart cards (Planned)

## Role/Area: Parking Management in Santa Barbara County

Operation and maintenance of parking facilities in Santa Barbara County

Responsibilities:

- 1) Collect and manage parking fees (Existing)
- 2) Manage and maintain parking facilities (Existing)

#### Role/Area: Surface Street Management in Santa Barbara County

Management of the traffic signal system in Santa Barbara County

Responsibilities:

# **Operational Concepts (cont...)**



# Stakeholder: City of Santa Maria

Role/Area: Surface Street Management in Santa Barbara County

Management of the traffic signal system in Santa Barbara County

Responsibilities:

# **Operational Concepts (cont...)**



# Stakeholder: City of Solvang

Role/Area: Surface Street Management in Santa Barbara County

Management of the traffic signal system in Santa Barbara County

Responsibilities:



# Stakeholder: Private Call Answering Center (PCAC)

### Role/Area: Emergency Management -- Santa Barbara Regional

Emergency management utilizing inter-jurisdictional collaboration

Responsibilities:

- 1) Dispatch and coordinate resources from appropriate EM providers to handle incidents (Existing)
- 2) Processing calls from area call boxes and telephones (Planned)

### Role/Area: Emergency Management in Santa Barbara County

Perform emergency management services in Santa Barbara County

Responsibilities:

1) Call taking and dispatch of public-initiated calls (Planned)

#### Role/Area: Incident Management -- Santa Barbara Regional

Coordinated, multi-jurisdictional incident management activities

Responsibilities:

1) Dispatch and coordinate resources to handle incidents (Planned)

# **Operational Concepts (cont...)**



# Stakeholder: Regional Transit Authority (RTA) (San Luis Obispo)

Role/Area: Transit Services -- Santa Barbara Regional

Provide inter-jurisdictional transit services and information

- 1) Regional coordination of passenger and fare information/apportionment (Planned)
- 2) Regional sharing/coordination of transit schedule information (Existing)



# **Stakeholder: Santa Barbara County**

### Role/Area: Incident Management in Santa Barbara County

Incident management activities in Santa Barbara County

#### Responsibilities:

- 1) Modify signal system settings, as needed (Planned)
- 2) Monitor transportation network from TMC (Planned)
- 3) Notify/coordinate with emergency service providers (CHP, local Agency) about detected incidents on local roads, as appropriate (Planned)

## Role/Area: Surface Street Management -- Santa Barbara Regional

Regional coordination of surface street management (Center-to-center)

#### Responsibilities:

1) Coordinate traffic signal operations with other TMCs in the Region as appropriate (Planned)

### Role/Area: Surface Street Management in Santa Barbara County

Management of the traffic signal system in Santa Barbara County

- 1) Manage (surface street) signal system from TMC (Existing)
- 2) Monitor transportation network (CCTV, etc.) and roadside equipment status from TMC (Existing)

## **Operational Concepts (cont...)**



# Stakeholder: Santa Barbara County Association of Governments (SBCAG)

### Role/Area: Archived Data Systems -- Santa Barbara Regional

Collect and manage Regionally (Central Coast) significant transportation-related data

Responsibilities:

- 1) Collect/manage/share Regionally significant transportation data for Santa Barbara County (Existing)
- 2) Participate in the maintenance of the CCITS Regional ITS Project Architecture (Planned)

### Role/Area: Archived Data Systems in Santa Barbara County

Collect and manage various transportation-related data

Responsibilities:

- Collect transportation data (traffic and transit) for transportation systems/elements in Santa Barbara County (Existing)
- 2) Develop/produce reports relating to transportation data as needed/required (Existing)
- 3) Maintain/update the Santa Barbara County ITS Project Architecture (Planned)

#### Role/Area: Emergency Management -- Santa Barbara Regional

Emergency management utilizing inter-jurisdictional collaboration

Responsibilities:

- Coordinate emergency response activities with other Agencies as needed, to manage the effects & impact on the Regional transportation system (Existing)
- 2) Processing calls from area call boxes and telephones (Existing)

#### Role/Area: Emergency Management in Santa Barbara County

Perform emergency management services in Santa Barbara County

Responsibilities:

1) Operate and maintain call box system (Existing)

### Role/Area: Freeway Management -- Santa Barbara Regional

Coordinated management of the area freeways and highways

Responsibilities:

- 1) Maintain call boxes system(s) in Santa Barbara County (Existing)
- 2) Maintain freeway service patrol system in Santa Barbara County (Planned)

## Role/Area: Incident Management -- Santa Barbara Regional

Coordinated, multi-jurisdictional incident management activities

Responsibilities:

 Coordinate activities with other Agencies to manage Regionally-significant (planned and unplanned) incidents (Existing)

### Role/Area: Incident Management in Santa Barbara County

Incident management activities in Santa Barbara County

Responsibilities:

1) Operate and maintain FSP fleet to help clear incidents (Planned)

# **Operational Concepts (cont...)**



# Stakeholder: Santa Barbara County Association of Governments (SBCAG)

### Role/Area: Traveler Information -- Santa Barbara Regional

Regional transportation information dissemination

Responsibilities:

1) Disseminate regional transit information via 511, website, etc. (Planned)

## Role/Area: Traveler Information in Santa Barbara County

Local/County-wide transportation information dissemination

Responsibilities:

1) Maintain tools to allow travelers to obtain Area-wide transportation information (e.g., ride matching, transit, etc.) (Existing)



# Stakeholder: Santa Barbara County Local Agencies

### Role/Area: Emergency Management -- Santa Barbara Regional

Emergency management utilizing inter-jurisdictional collaboration

Responsibilities:

1) Coordinate Regional emergency response activities with other Agencies as needed (Existing)

### Role/Area: Emergency Management in Santa Barbara County

Perform emergency management services in Santa Barbara County

Responsibilities:

- 1) Coordinate activities with other EM providers, as needed (Existing)
- 2) Develop coordinated emergency response plans (Existing)
- 3) Perform emergency services, as needed (Existing)
- 4) Respond to calls for service from other Agencies (Existing)
- 5) Respond to calls for service from the general public (Existing)

#### Role/Area: Incident Management -- Santa Barbara Regional

Coordinated, multi-jurisdictional incident management activities

Responsibilities:

1) Coordinate activities with other Agencies to manage Regionally-significant (planned and unplanned) incidents (Planned)

### Role/Area: Incident Management in Santa Barbara County

Incident management activities in Santa Barbara County

Responsibilities:

1) Perform work as needed to clear incidents (Existing)

## **Operational Concepts (cont...)**



# Stakeholder: Santa Barbara Metropolitan Transit District (SBMTD)

### Role/Area: Transit Services -- Santa Barbara Regional

Provide inter-jurisdictional transit services and information

Responsibilities:

- 1) Regional coordination of passenger and fare information/apportionment (Planned)
- 2) Regional sharing/coordination of transit schedule information (Existing)

### Role/Area: Transit Services in Santa Barbara County

Operation and maintenance of transit services, equipment, facilities within Santa Barbara County

Responsibilities:

- 1) Inform transit travelers about transit vehicle arrival status (Planned)
- 2) Operate and maintain a fixed-route transit system, including vehicle routing, scheduling, fare processing, maintenance, etc. (Existing)
- 3) Track vehicle location and adherence to schedule (Planned)

### Role/Area: Traveler Information -- Santa Barbara Regional

Regional transportation information dissemination

Responsibilities:

1) Disseminate regional transit information via 511, website, etc. (Planned)

#### Role/Area: Traveler Information in Santa Barbara County

Local/County-wide transportation information dissemination

Responsibilities:

1) Maintain tools to allow travelers to obtain transit information (schedules, fares, trip planning, etc.) (Existing)



# Stakeholder: Santa Maria Area Transit (SMAT)

### Role/Area: Transit Services -- Santa Barbara Regional

Provide inter-jurisdictional transit services and information

#### Responsibilities:

- 1) Regional coordination of passenger and fare information/apportionment (Planned)
- 2) Regional sharing/coordination of transit schedule information (Planned)

### Role/Area: Transit Services in Santa Barbara County

Operation and maintenance of transit services, equipment, facilities within Santa Barbara County

- 1) Apportion fares with other transit Agencies (Existing)
- 2) Operate and maintain a fixed-route transit system, including vehicle routing, scheduling, fare processing, maintenance, etc. (Existing)
- 3) Track vehicle location and adherence to schedule (Existing)



# Stakeholder: Santa Ynez Valley Transit (SYVT)

### Role/Area: Transit Services -- Santa Barbara Regional

Provide inter-jurisdictional transit services and information

Responsibilities:

- 1) Regional coordination of passenger and fare information/apportionment (Planned)
- 2) Regional sharing/coordination of transit schedule information (Existing)

## Role/Area: Transit Services in Santa Barbara County

Operation and maintenance of transit services, equipment, facilities within Santa Barbara County

# Responsibilities:

 Operate and maintain a fixed-route transit system, including vehicle routing, scheduling, fare processing, maintenance, etc. (Existing)

# **Operational Concepts (cont...)**



# Stakeholder: UCSB

## Role/Area: Parking Management -- Santa Barbara Regional

Coordinated operation and maintenance of parking facilities in the Central Coast

Responsibilities:

1) Accept and coordinate payment of parking fees via Regional smart cards. (Planned)

## Role/Area: Parking Management in Santa Barbara County

Operation and maintenance of parking facilities in Santa Barbara County

- 1) Apportion fees with other Agencies (Planned)
- 2) Collect and manage parking fees (Existing)
- 3) Manage and maintain parking facilities (Existing)

# **Operational Concepts (cont...)**



# Stakeholder: Ventura County Transportation Commission (VCTC)

## Role/Area: Transit Services -- Santa Barbara Regional

Provide inter-jurisdictional transit services and information

Responsibilities:

- 1) Regional coordination of passenger and fare information/apportionment (Planned)
- 2) Regional sharing/coordination of transit schedule information (Existing)

### Role/Area: Transit Services in Santa Barbara County

Operation and maintenance of transit services, equipment, facilities within Santa Barbara County

Responsibilities:

 Operate and maintain a fixed-route transit system, including vehicle routing, scheduling, fare processing, maintenance, etc. (Existing)