

APPENDIX F
INTERCONNECT DIAGRAMS
AND
ARCHITECTURE FLOWS DIAGRAMS
(FROM TURBO ARCHITECTURE TOOL)

UPDATED JUNE 30, 2005



The diagrams in Appendix F fall in alphabetical order by Stakeholders (see Appendix C), and the Stakeholders' respective Associated Elements. Please follow that order to find a specific diagram.

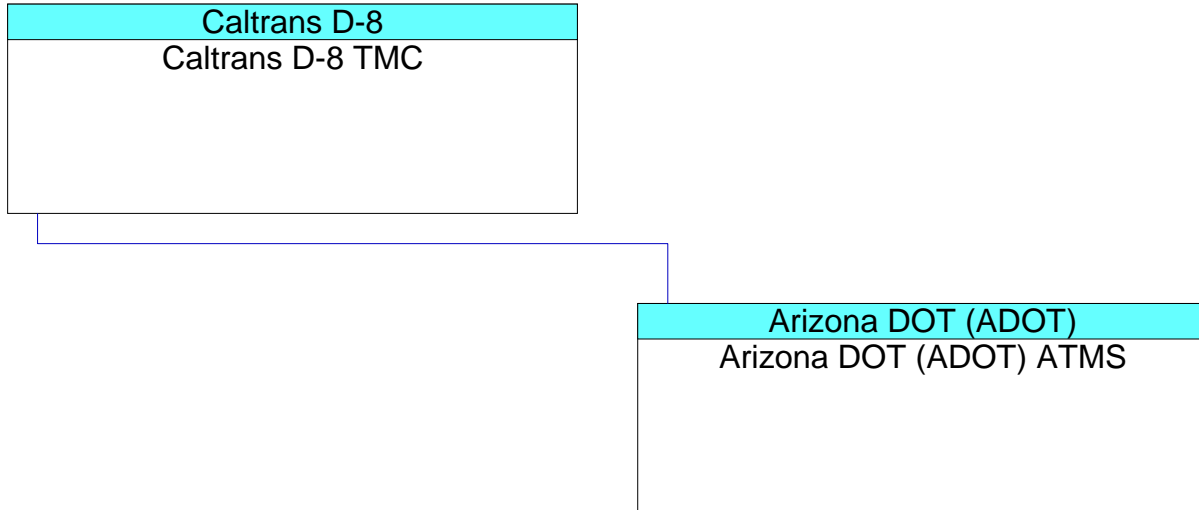
As a general rule, the stakeholder/associated element for which the diagram represents, is shown in the upper left of the diagram; with the other related stakeholders/associated elements appearing below and to the right of the primary stakeholder/associated element.

For the more complex diagrams, the stakeholder/associated element for which the diagram represents, is shown in the center of the diagram; with the other related stakeholders/associated elements surrounding the primary stakeholder/associated element.

Certain of the diagrams are very complex and have been inserted into this Appendix on 11x17 size paper. Even with this increase in paper size some of those diagrams are not readable in this format. Wherever this is the case, those diagrams have been plotted in a large "engineering drawing" format (D or E size, as appropriate) and distributed to the directly affected Stakeholders. These plots can also be made available for viewing to other interested Stakeholders in the Inland Empire region.



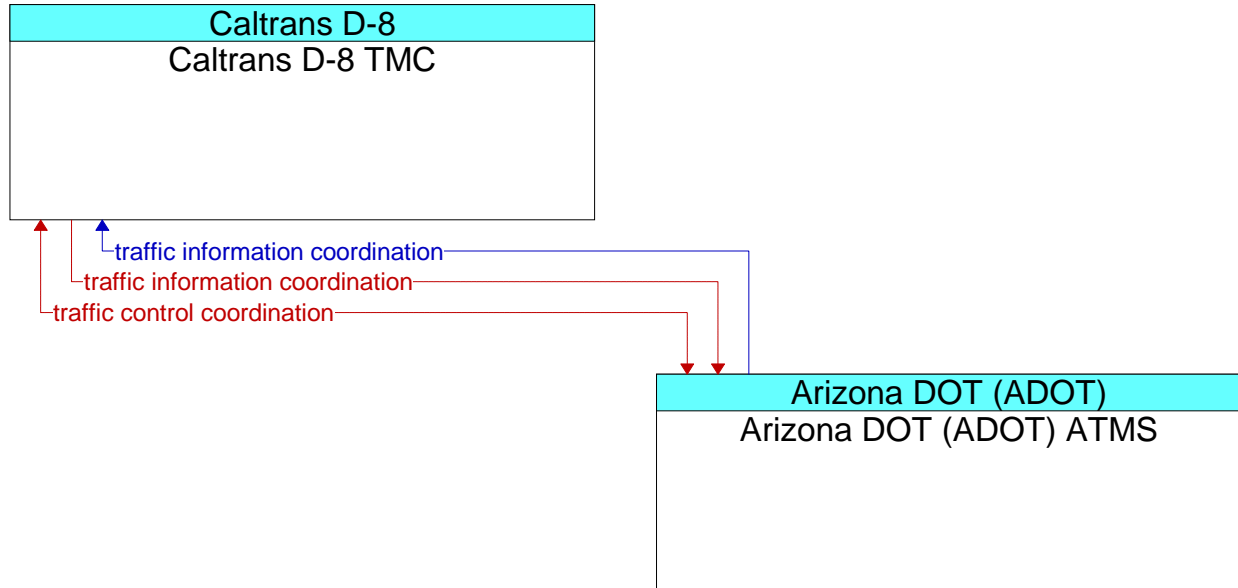
Stakeholder: **Arizona Department of Transportation (ADOT)**
Architecture Element: **Arizona Department of Transportation (ADOT) ATMS**
Interconnect Diagram



———— Existing



Stakeholder: **Arizona Department of Transportation (ADOT)**
Architecture Element: **Arizona Department of Transportation (ADOT) ATMS**
Architecture Flows Diagram

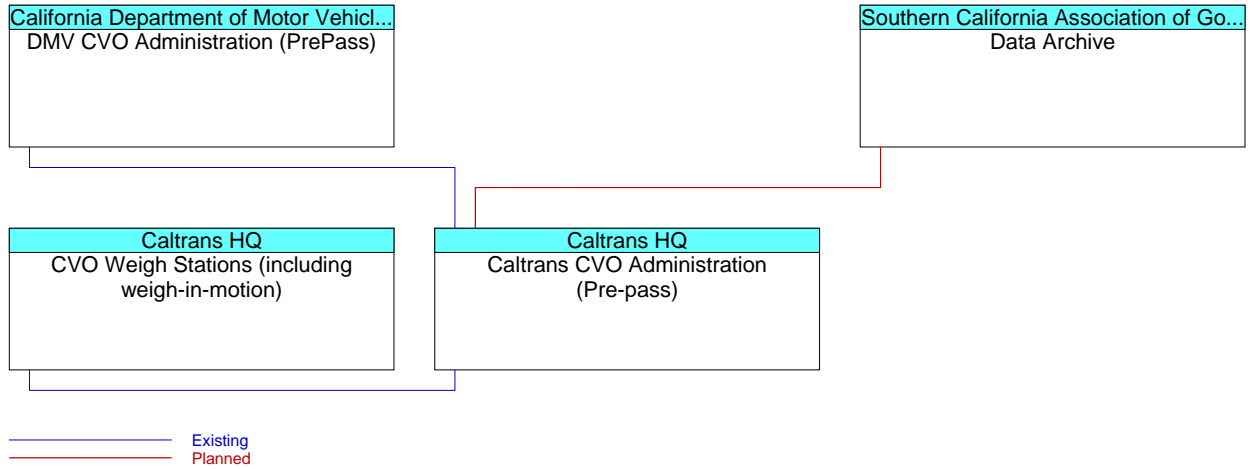


———— Existing
———— Planned



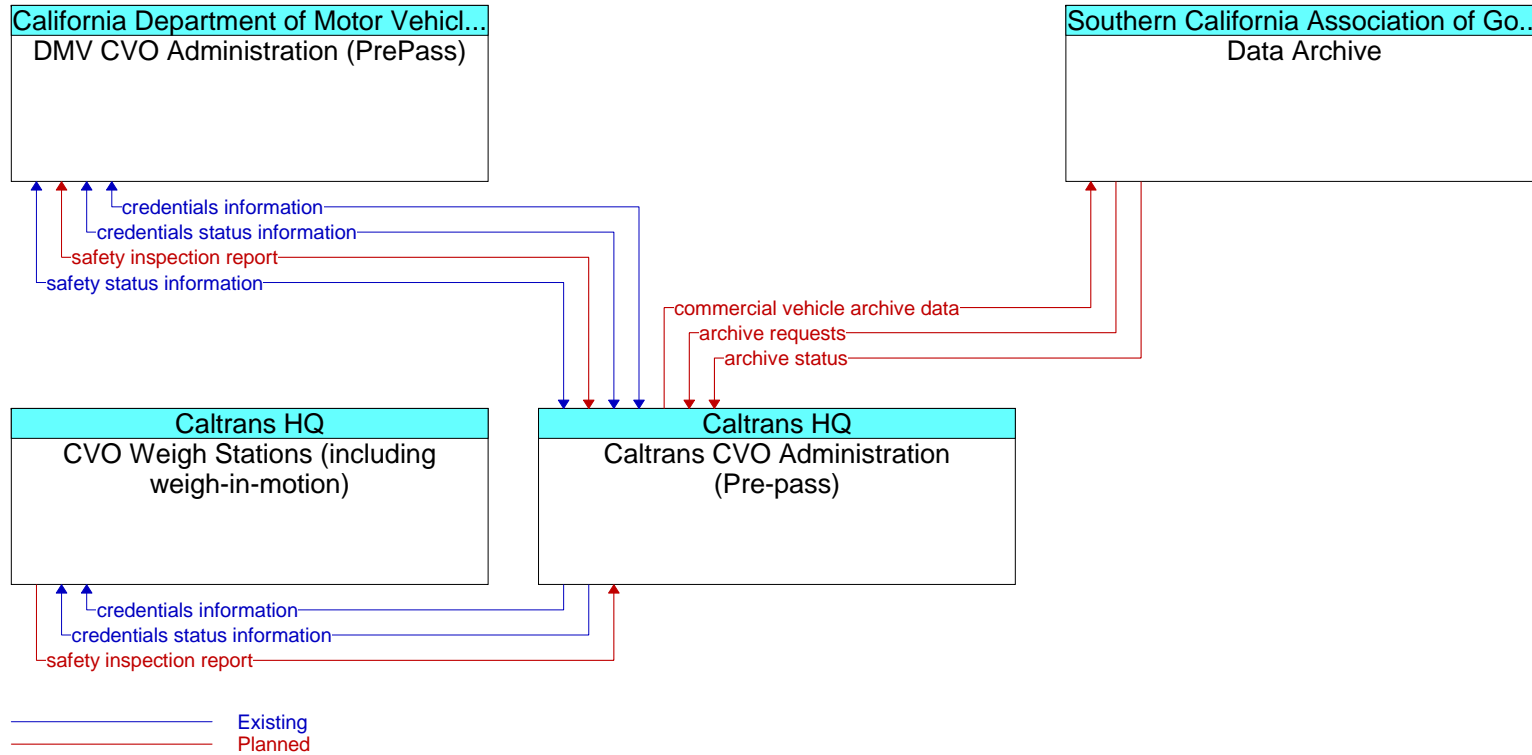
Stakeholder: **California Department of Motor Vehicles (DMV)**
Architecture Element: **DMV CVO Administration (PrePass)**

Interconnect Diagram



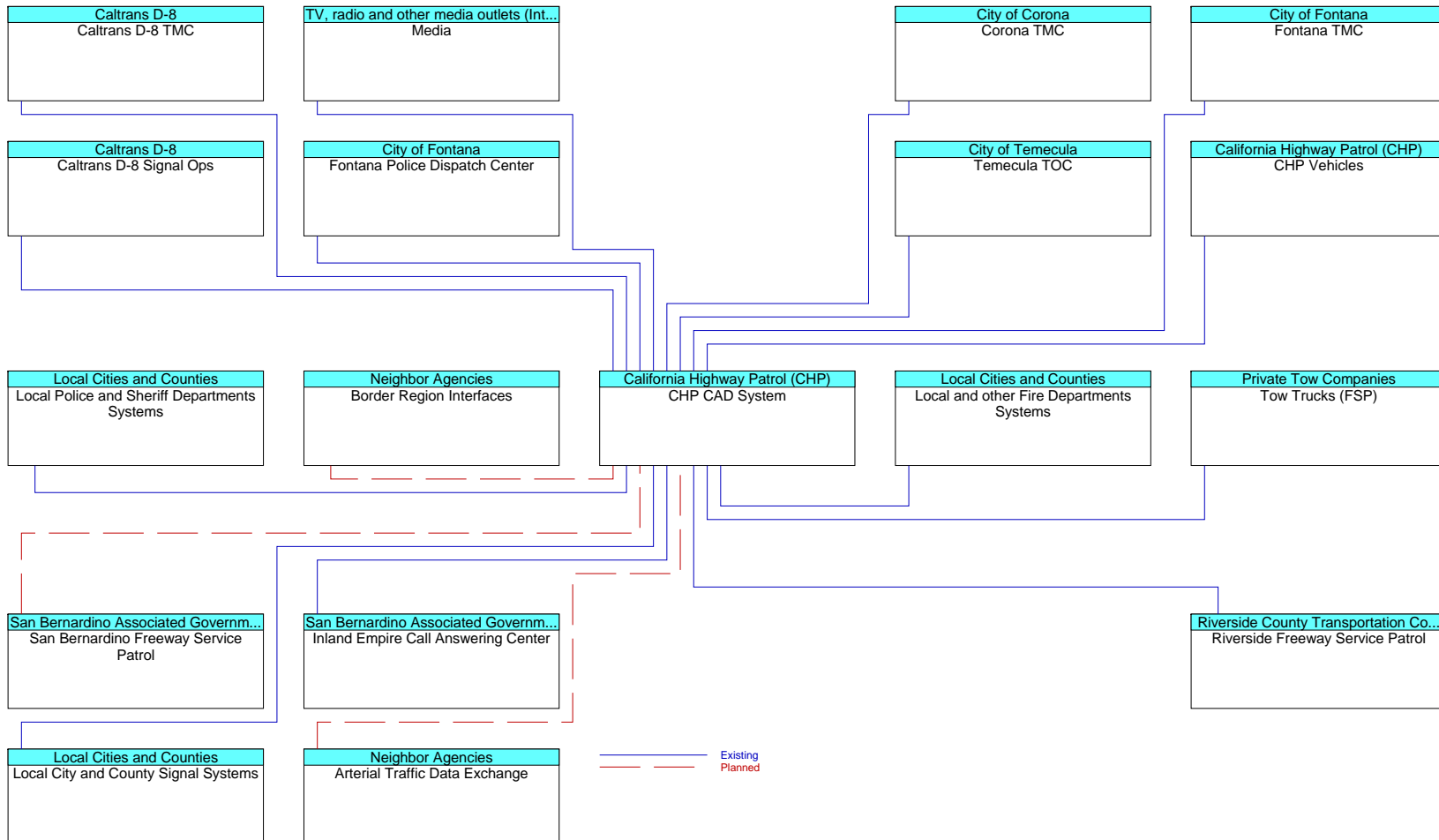


Stakeholder: **California Department of Motor Vehicles (DMV)**
 Architecture Element: **DMV CVO Administration (PrePass)**
Architecture Flows Diagram



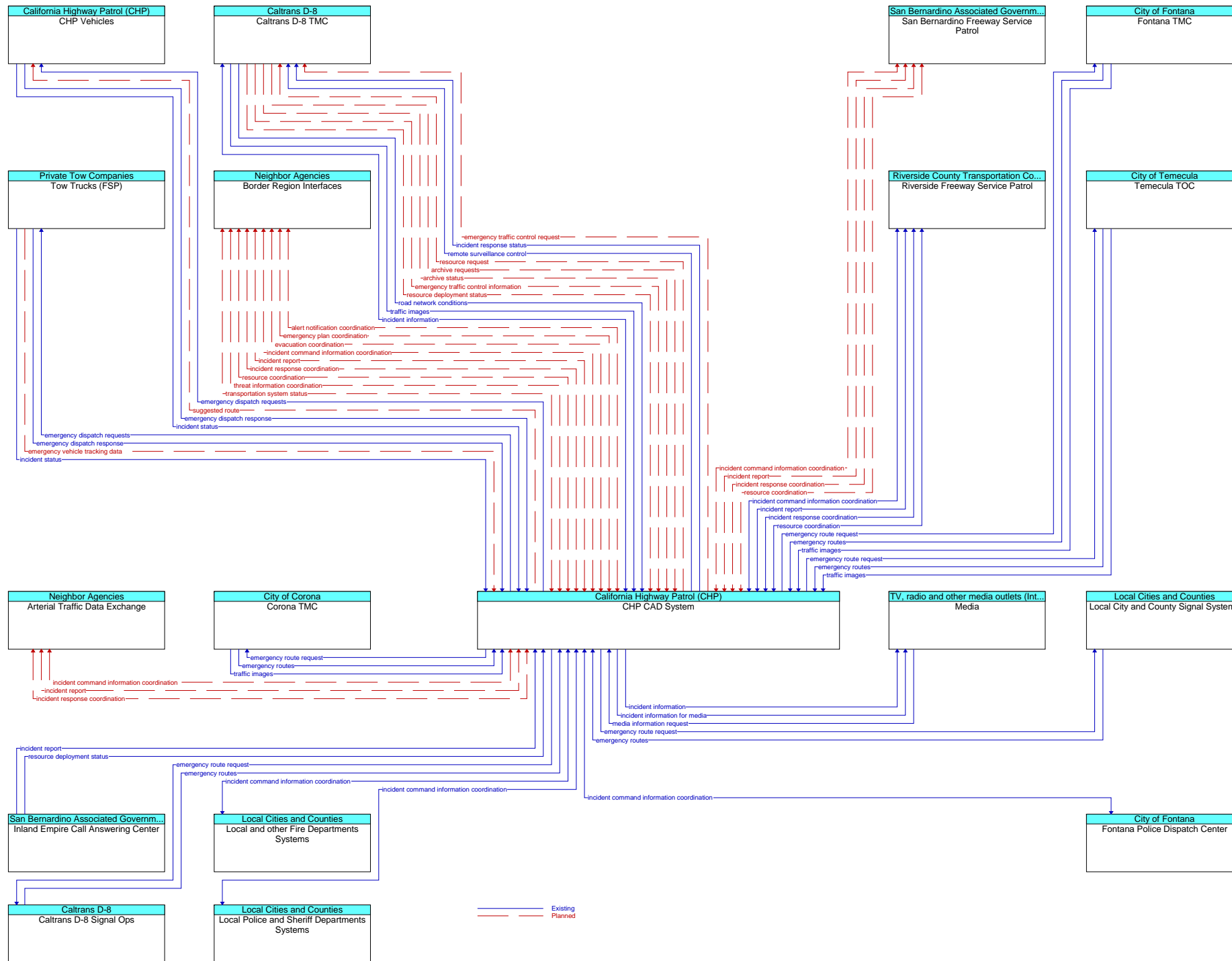


Stakeholder: **California Highway Patrol (CHP)**
 Architecture Element: **CHP CAD System**
Interconnect Diagram



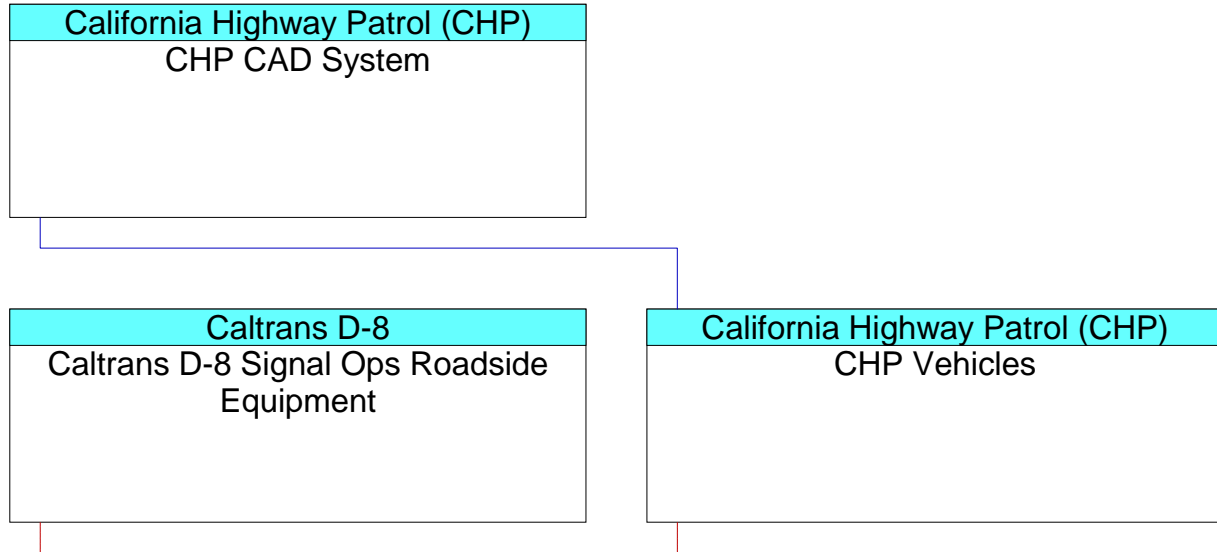


Stakeholder: **California Highway Patrol (CHP)**
 Architecture Element: **CHP CAD System**
 Architecture Flows Diagram





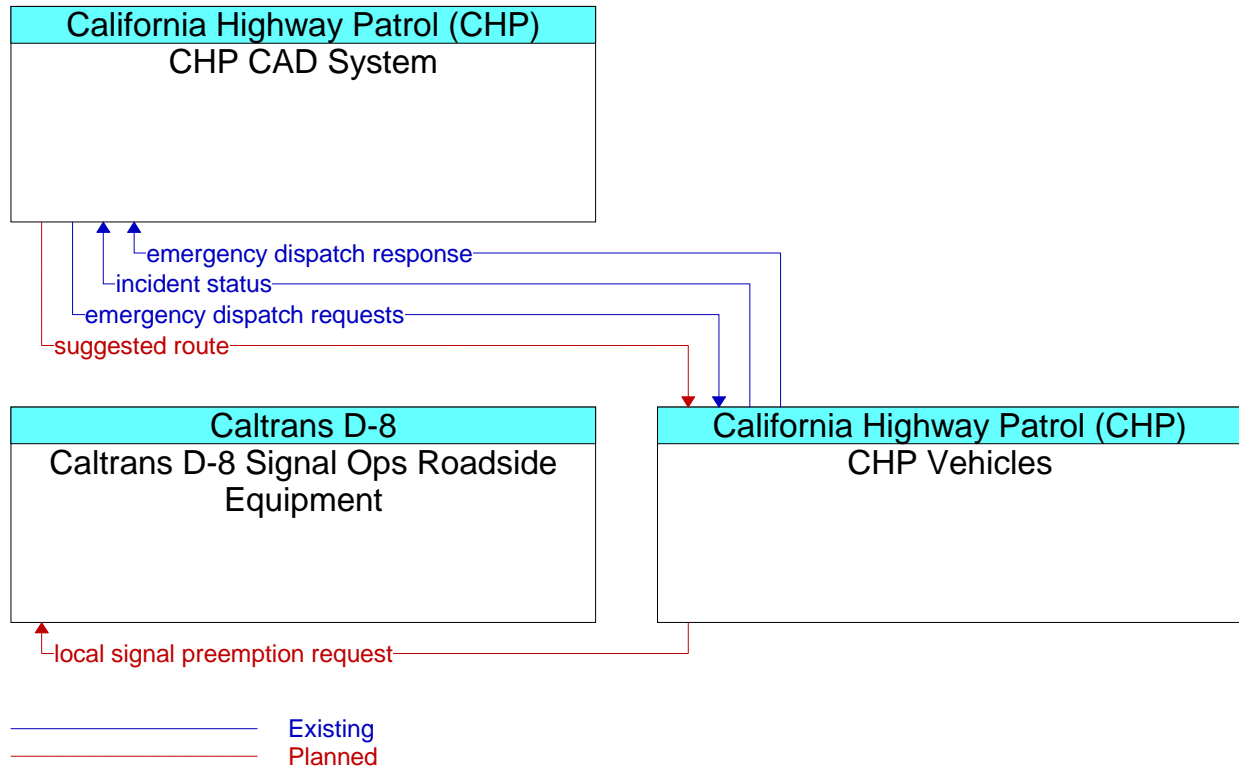
Stakeholder: **California Highway Patrol (CHP)**
Architecture Element: **CHP Vehicles**
Interconnect Diagram



———— Existing
———— Planned

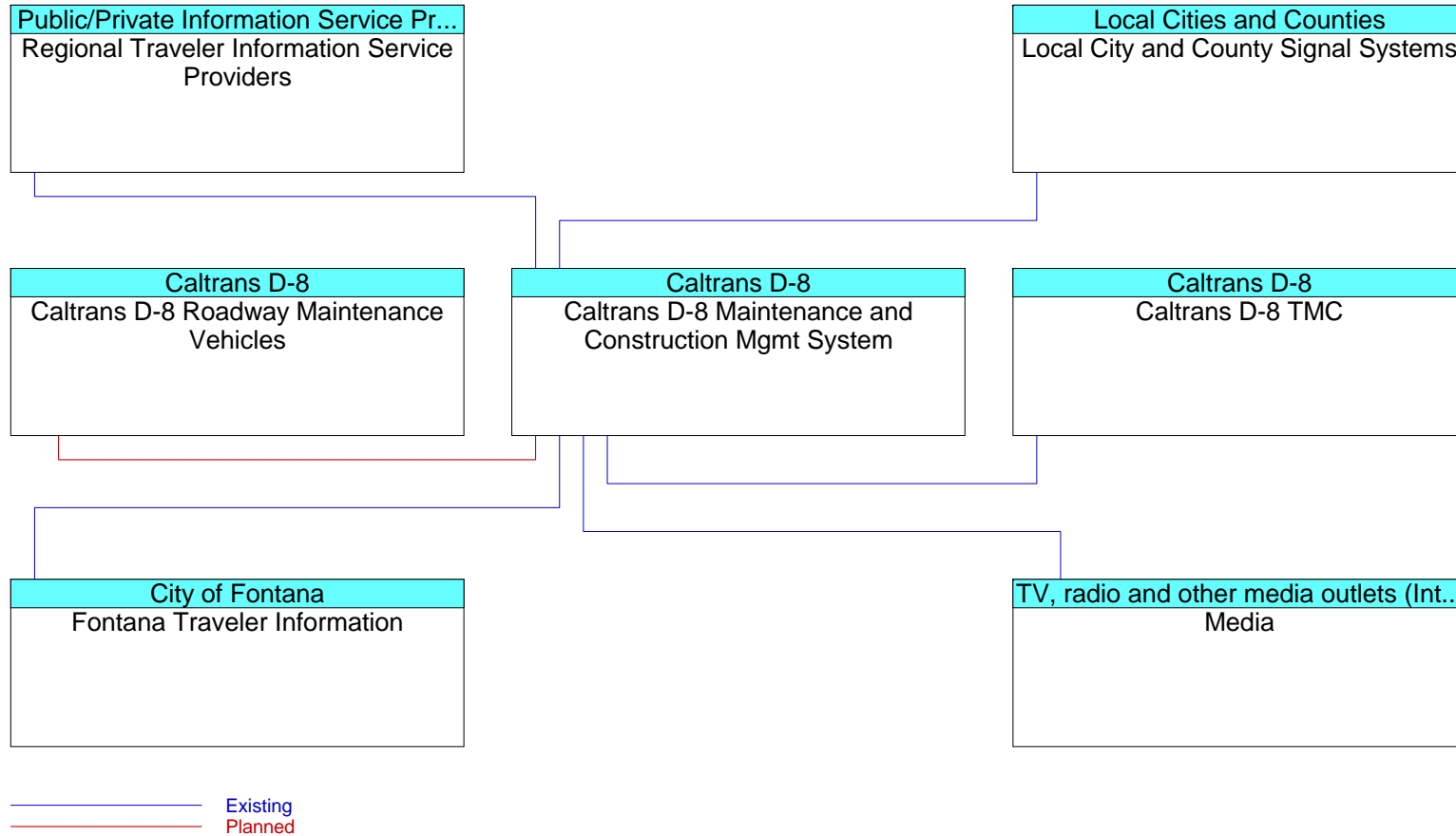


Stakeholder: **California Highway Patrol (CHP)**
Architecture Element: **CHP Vehicles**
Architecture Flows Diagram



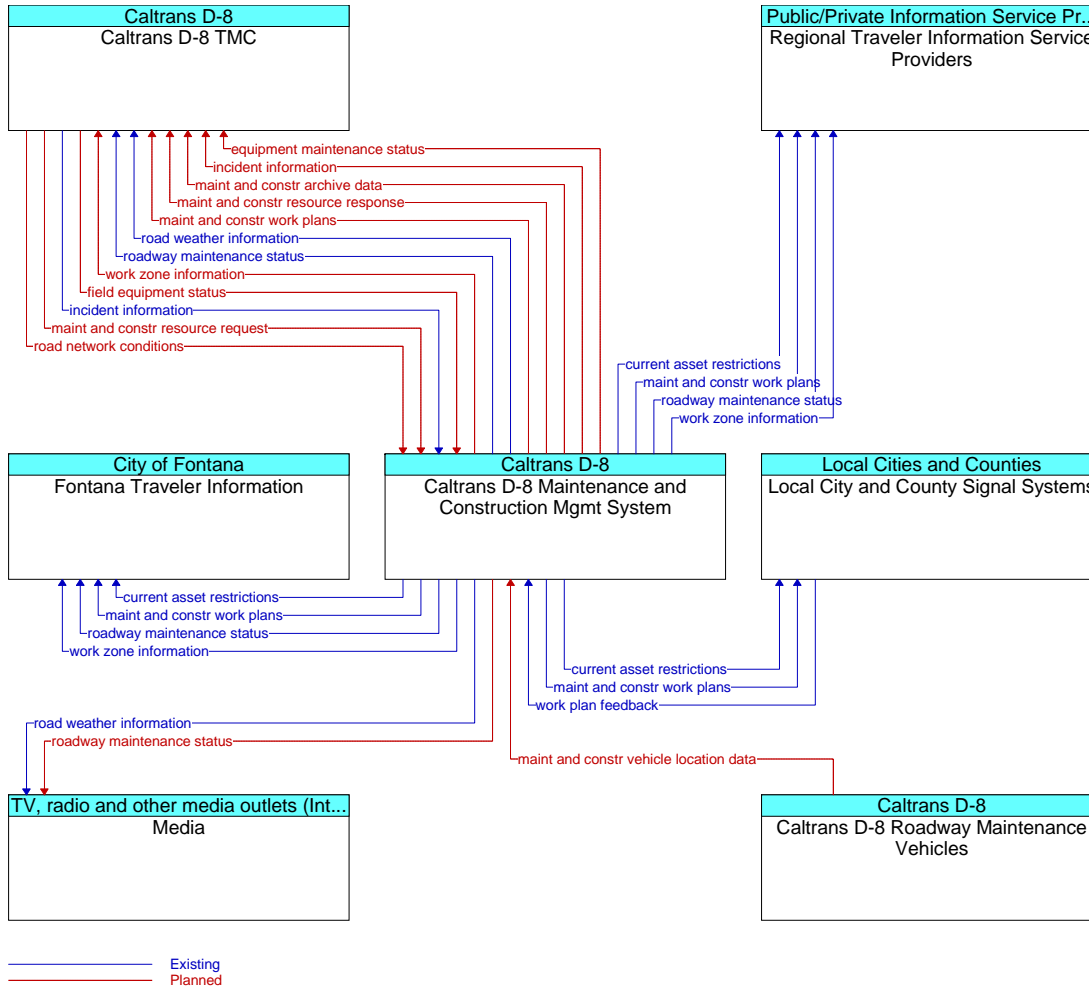


Stakeholder: **Caltrans District 8**
 Architecture Element: **Caltrans D-8 Maintenance and Construction Mgmt System**
Interconnect Diagram





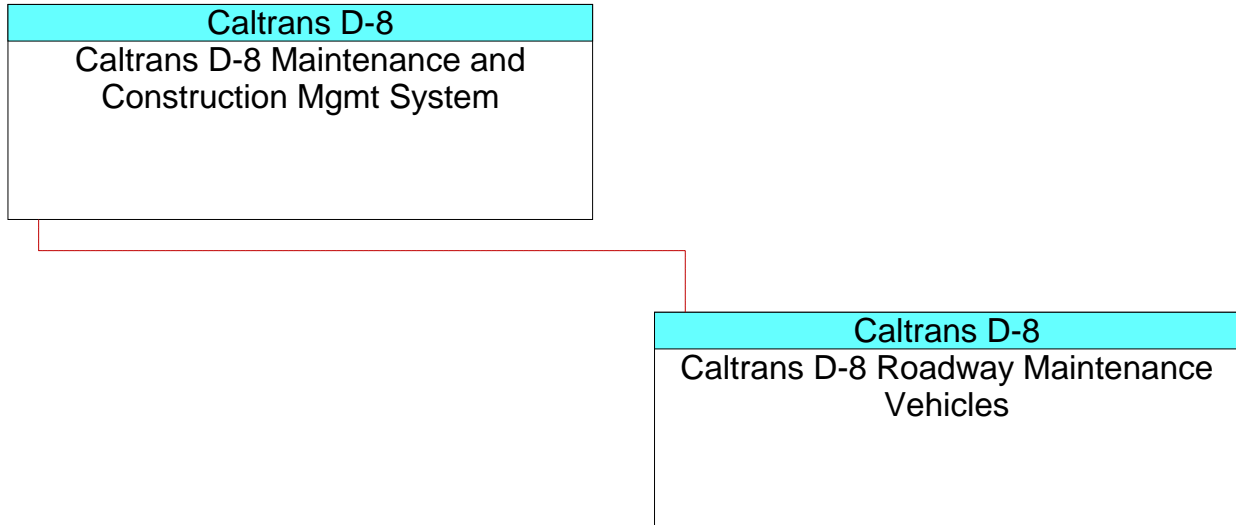
Stakeholder: **Caltrans District 8**
 Architecture Element: **Caltrans D-8 Maintenance and Construction Mgmt System**
Architecture Flows Diagram



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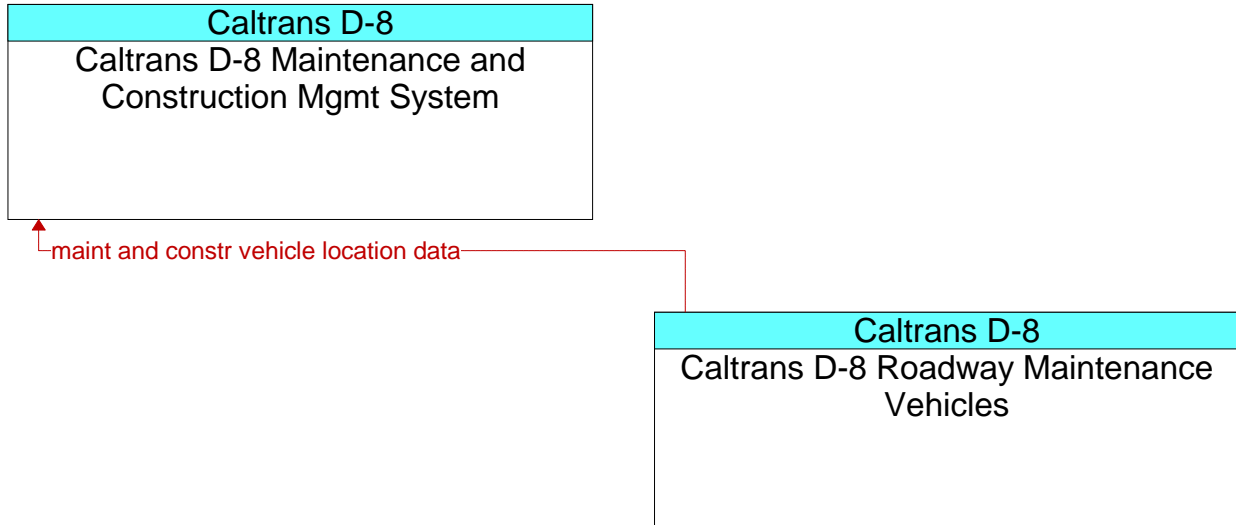
Stakeholder: **Caltrans District 8**
Architecture Element: **Roadway Maintenance Vehicles**
Interconnect Diagram



————— Planned



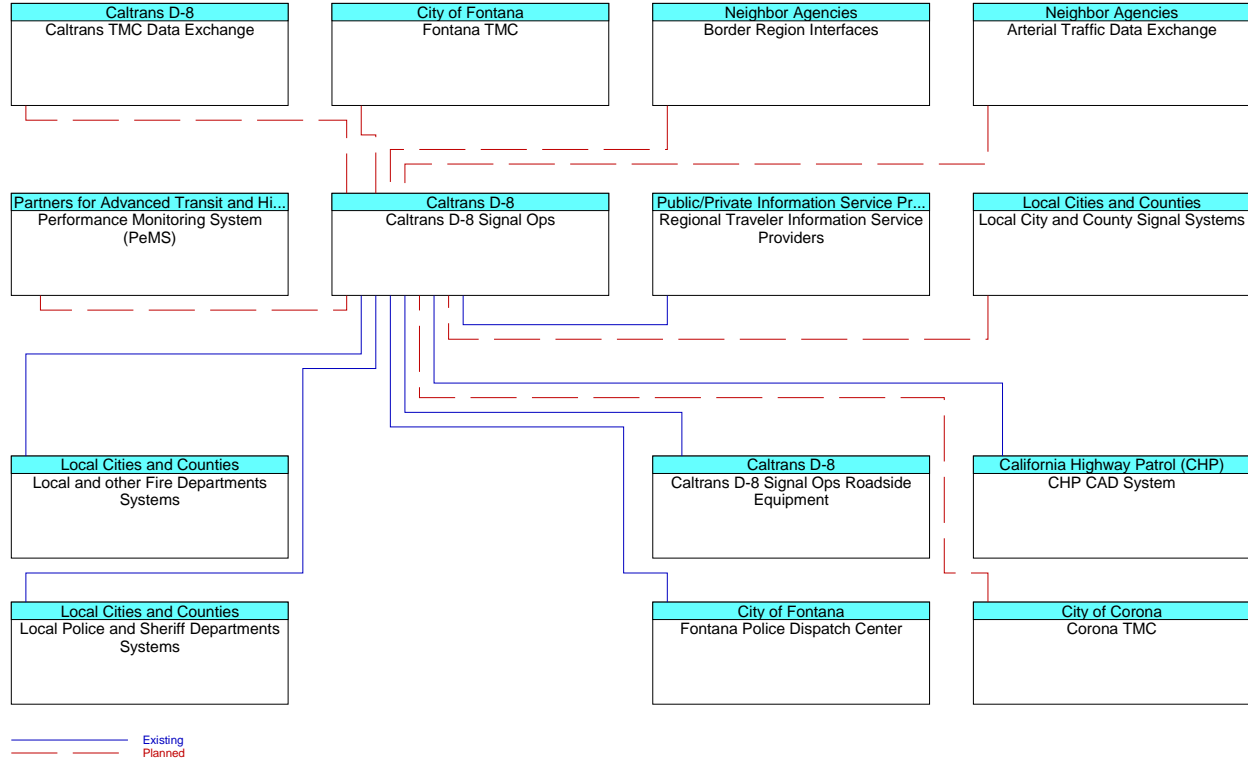
Stakeholder: **Caltrans District 8**
Architecture Element: **Roadway Maintenance Vehicles**
Architecture Flows Diagram



————— Planned

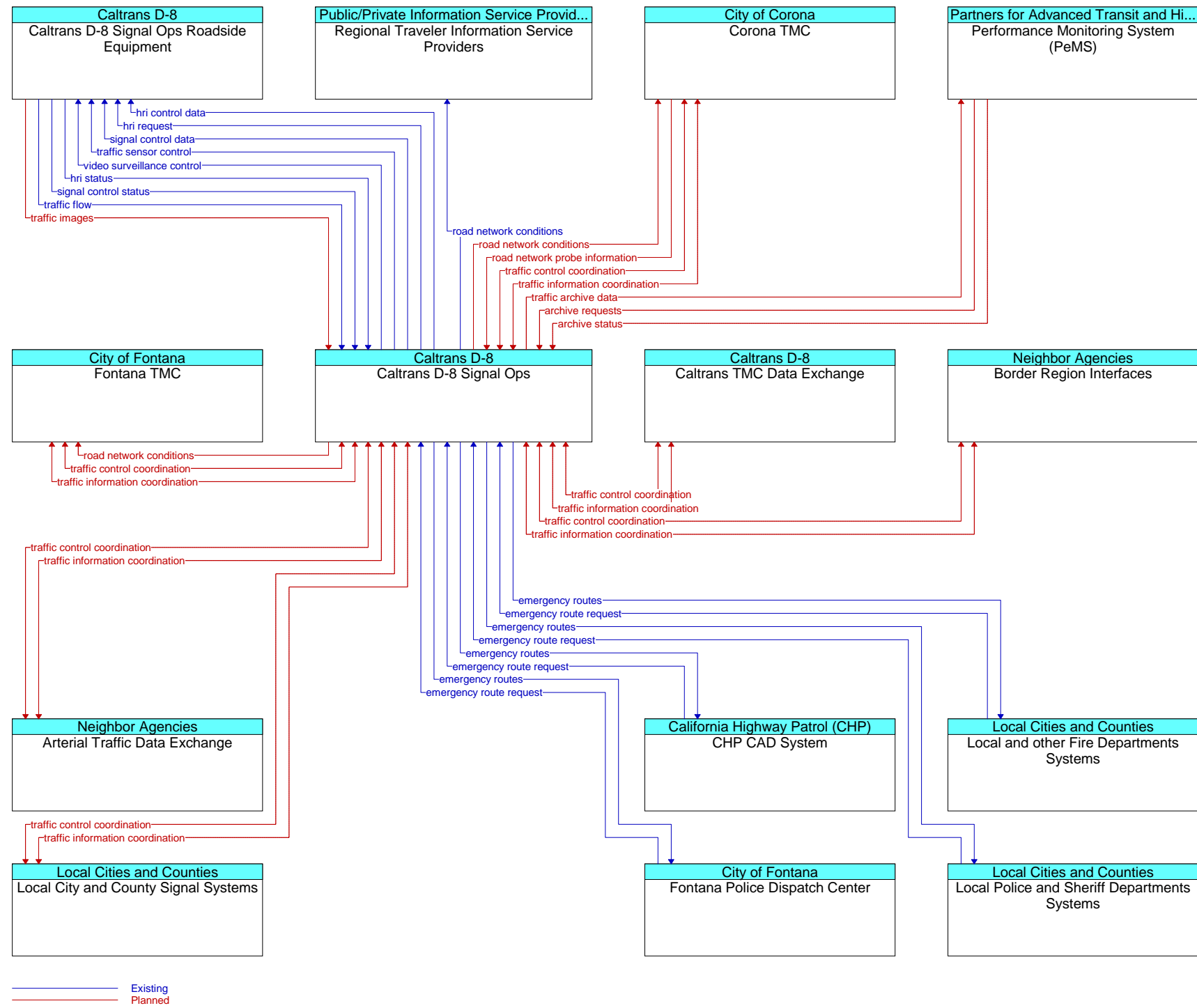


Stakeholder: **Caltrans District 8**
 Architecture Element: **Caltrans D-8 Signal Ops**
Interconnect Diagram



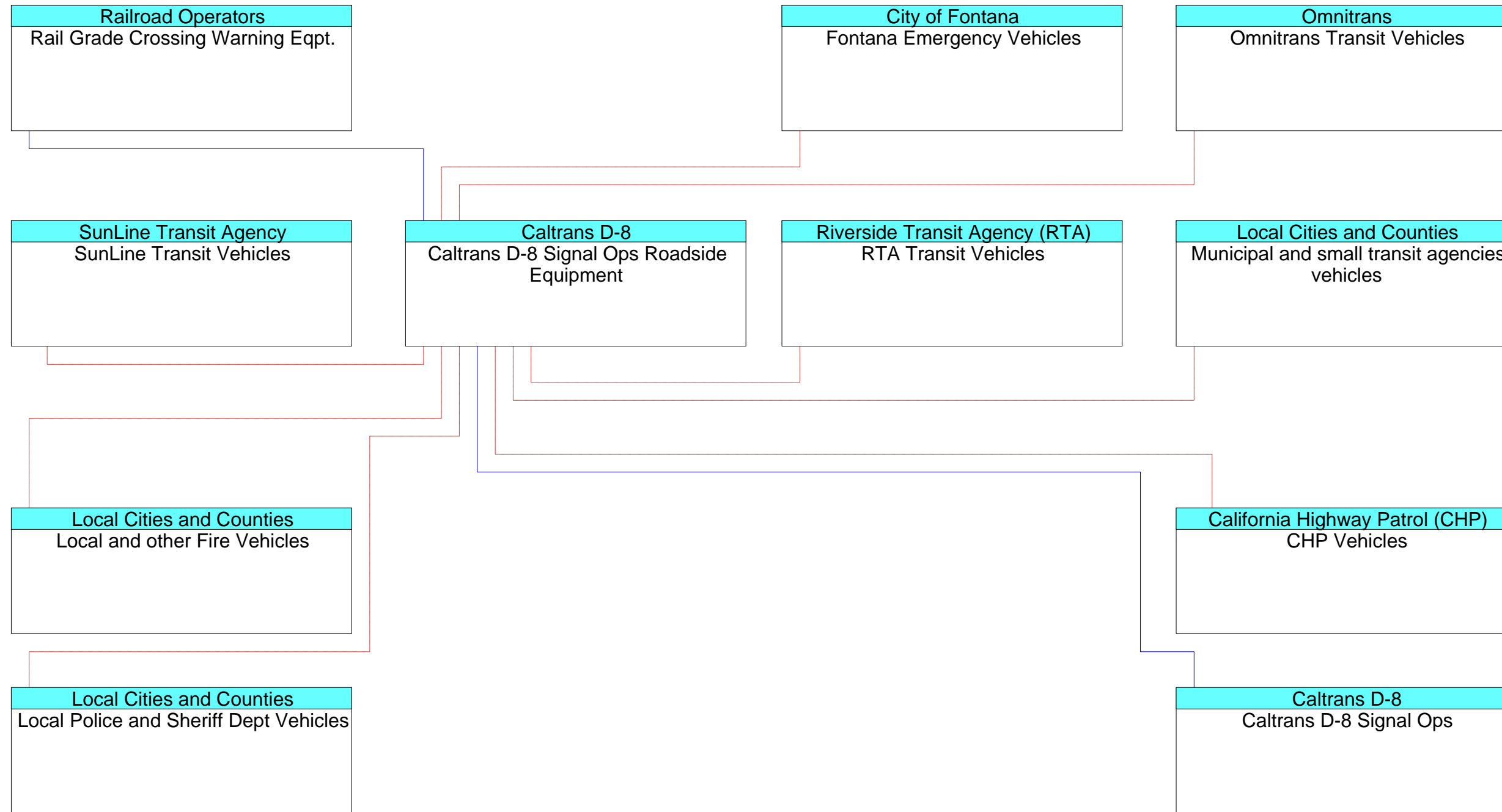


Stakeholder: **Caltrans District 8**
 Architecture Element: **Caltrans D-8 Signal Ops**
 Architecture Flows Diagram





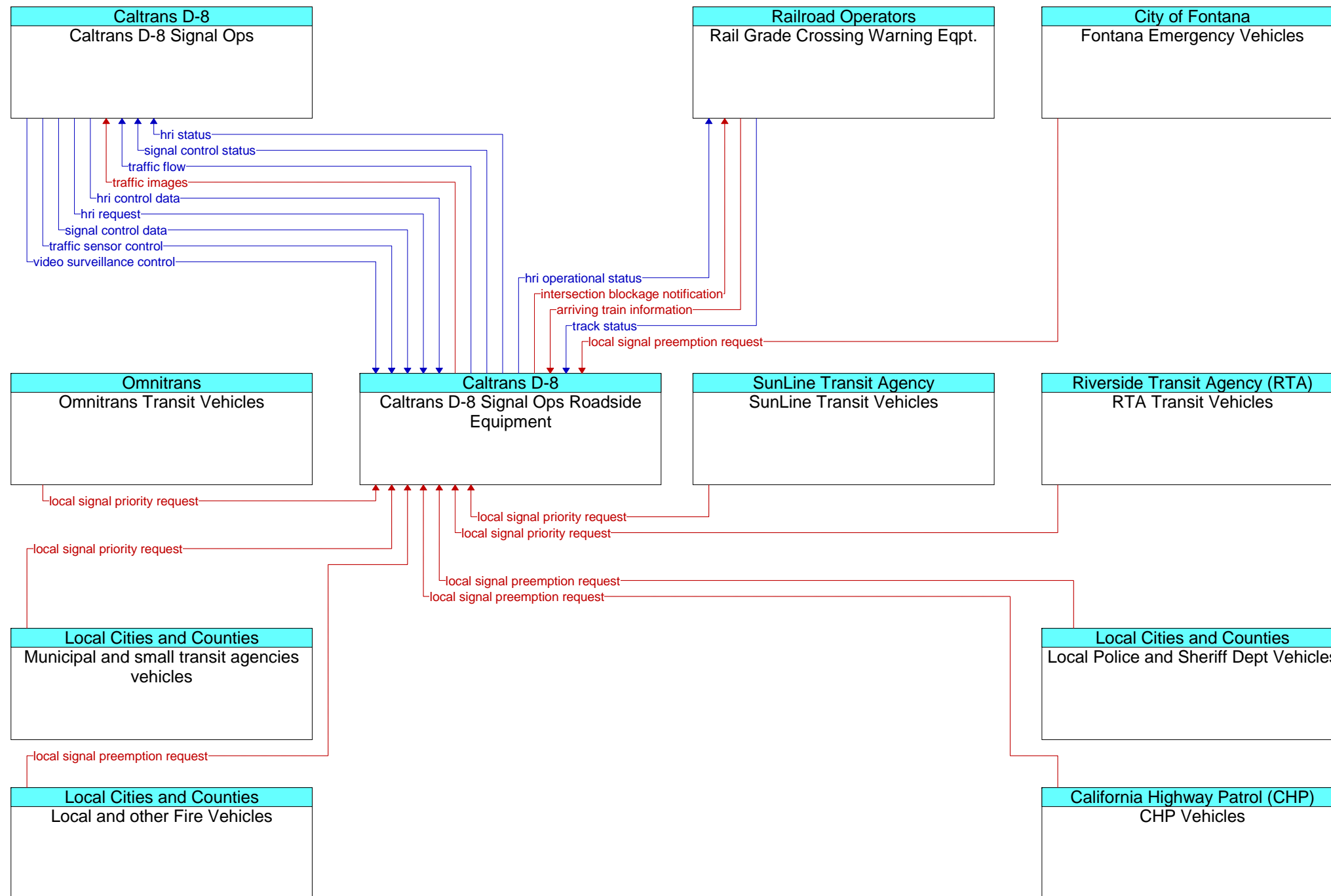
Stakeholder: **Caltrans District 8**
Architecture Element: **Caltrans D-8 Signal Ops Roadside Equipment**
Interconnect Diagram



— Existing
— Planned

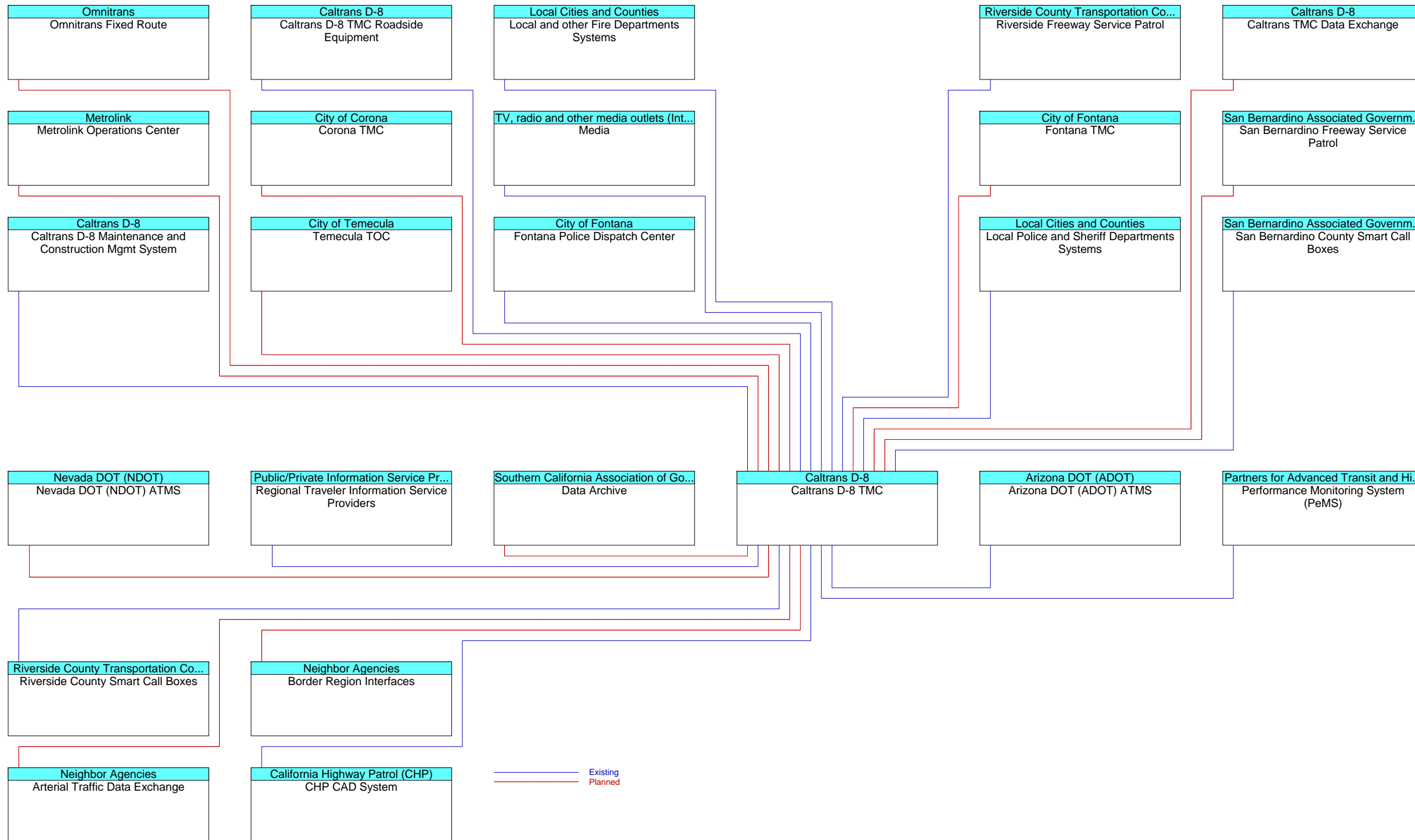


Stakeholder: **Caltrans District 8**
 Architecture Element: **Caltrans D-8 Signal Ops Roadside Equipment**
Architecture Flows Diagram



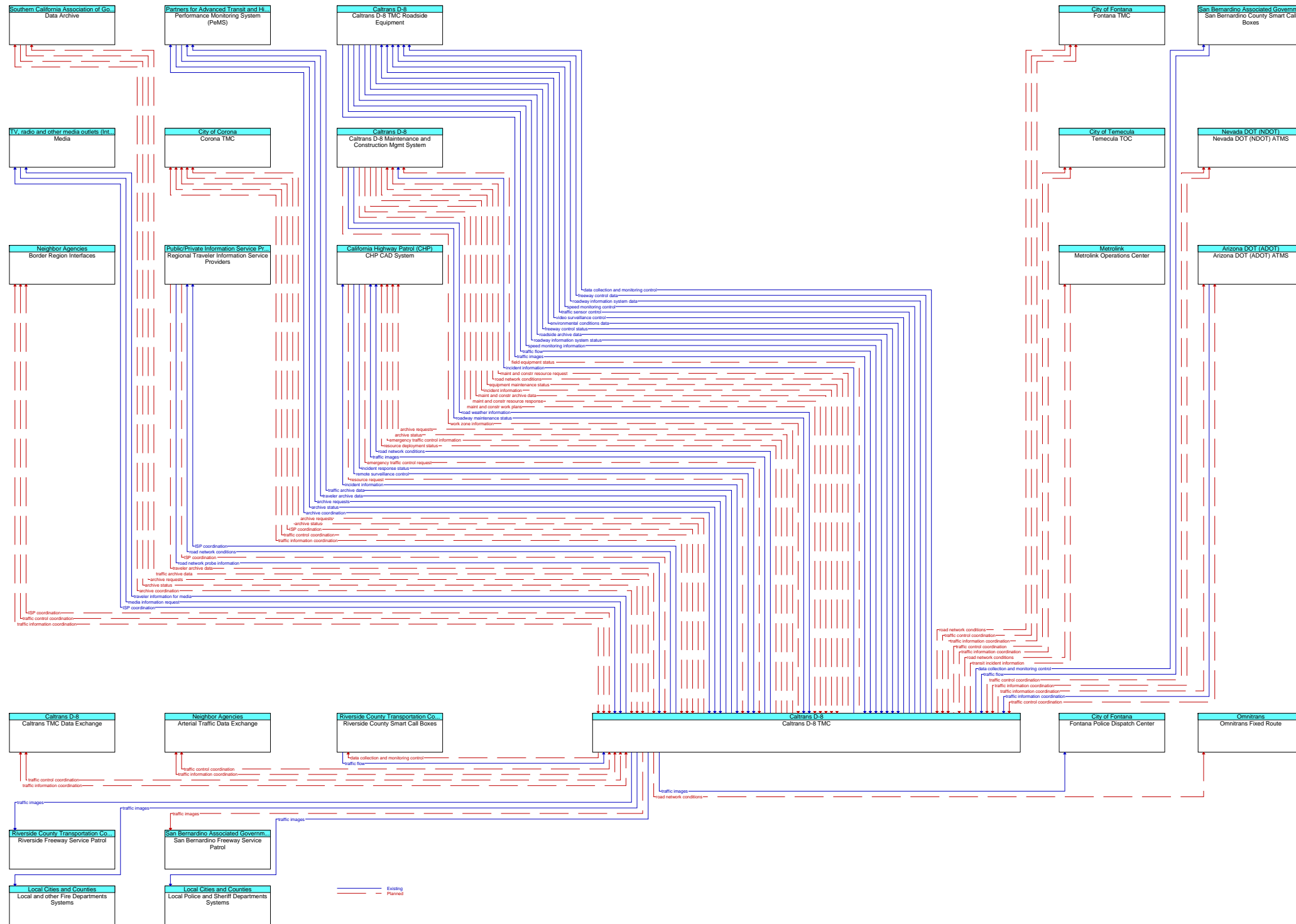


Stakeholder: **Caltrans District 8**
 Architecture Element: **Caltrans D-8 TMC**
Interconnect Diagram



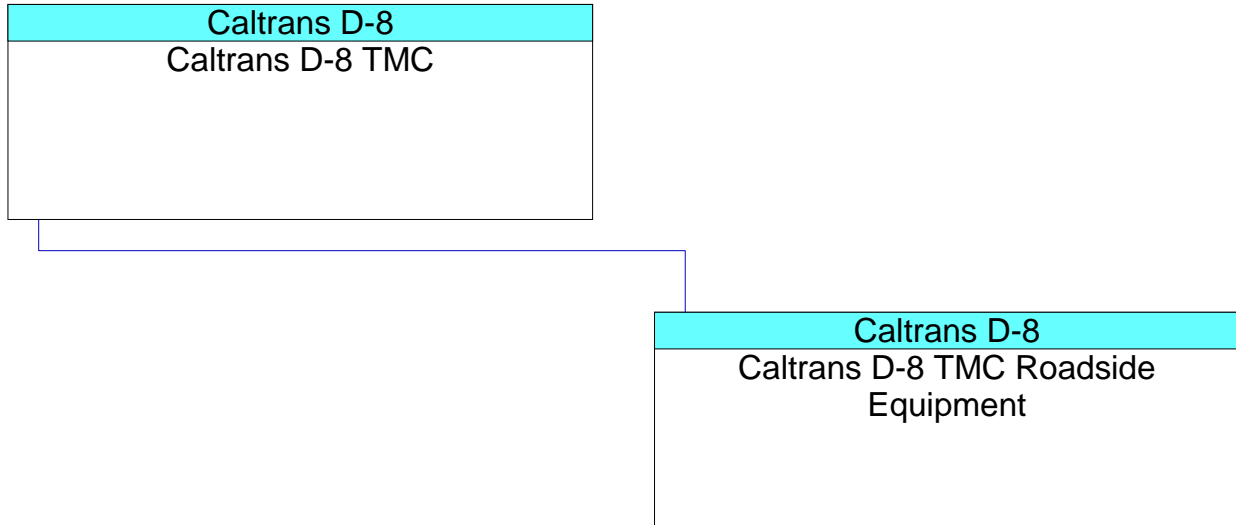


Stakeholder: **Caltrans District 8**
 Architecture Element: **Caltrans D-8 TMC**
 Architecture Flows Diagram





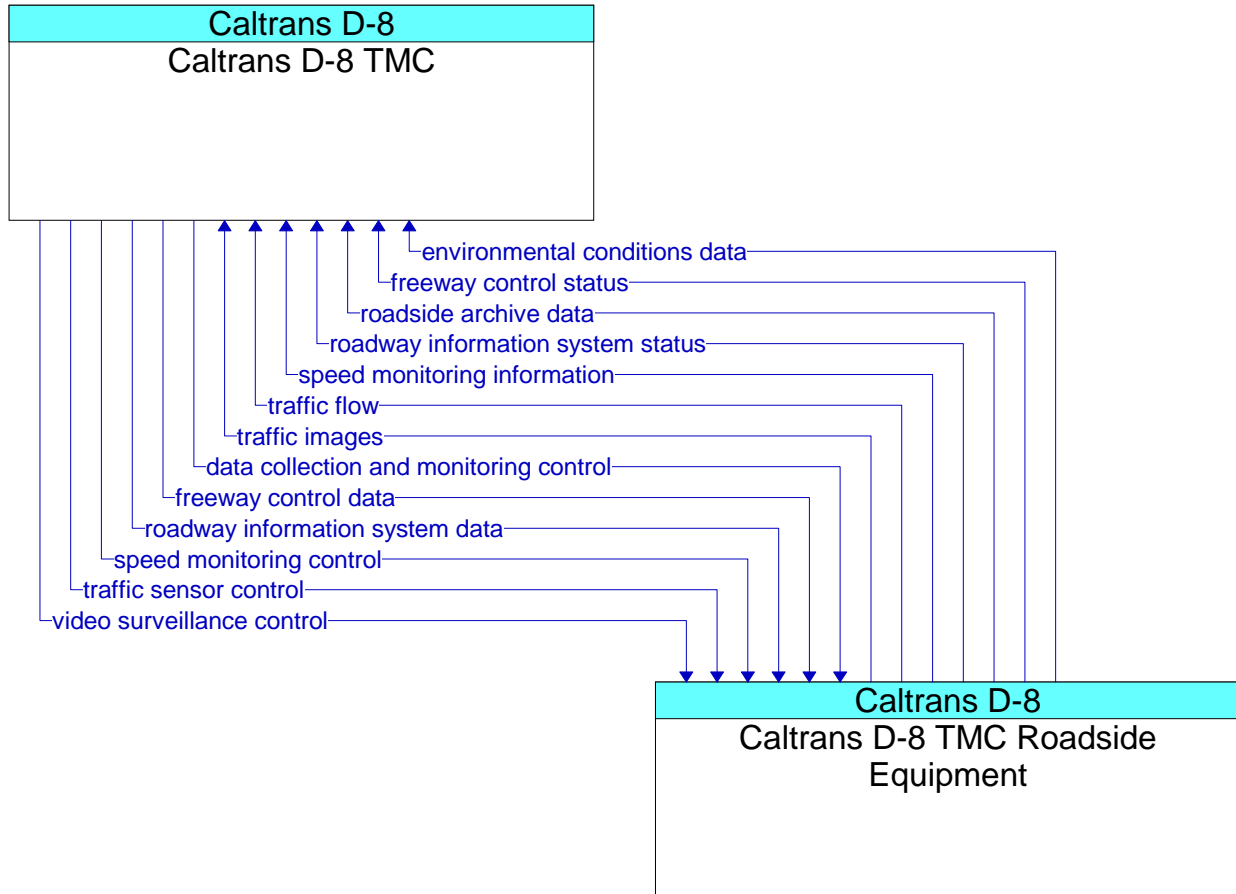
Stakeholder: **Caltrans District 8**
Architecture Element: **Caltrans D-8 TMC Roadside Equipment**
Interconnect Diagram



Existing



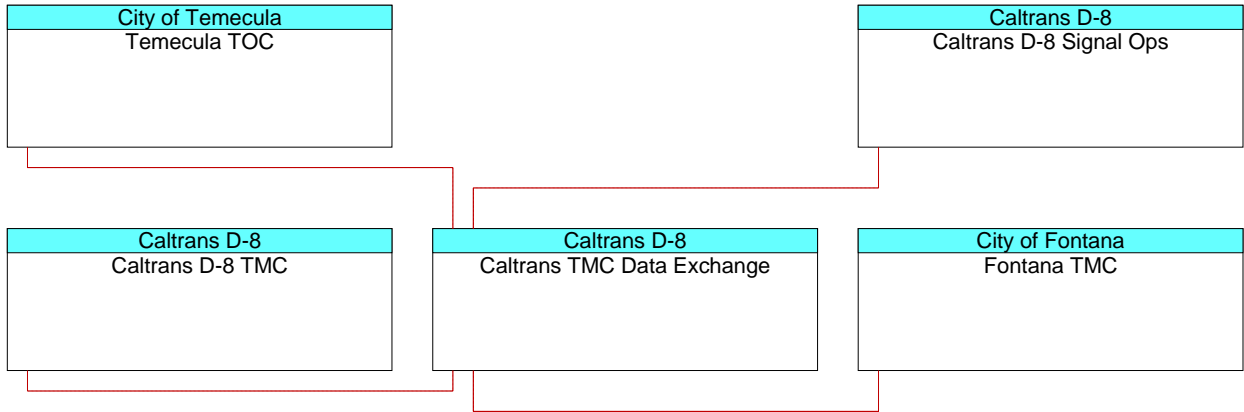
Stakeholder: **Caltrans District 8**
Architecture Element: **Caltrans D-8 TMC Roadside Equipment**
Architecture Flows Diagram



Existing



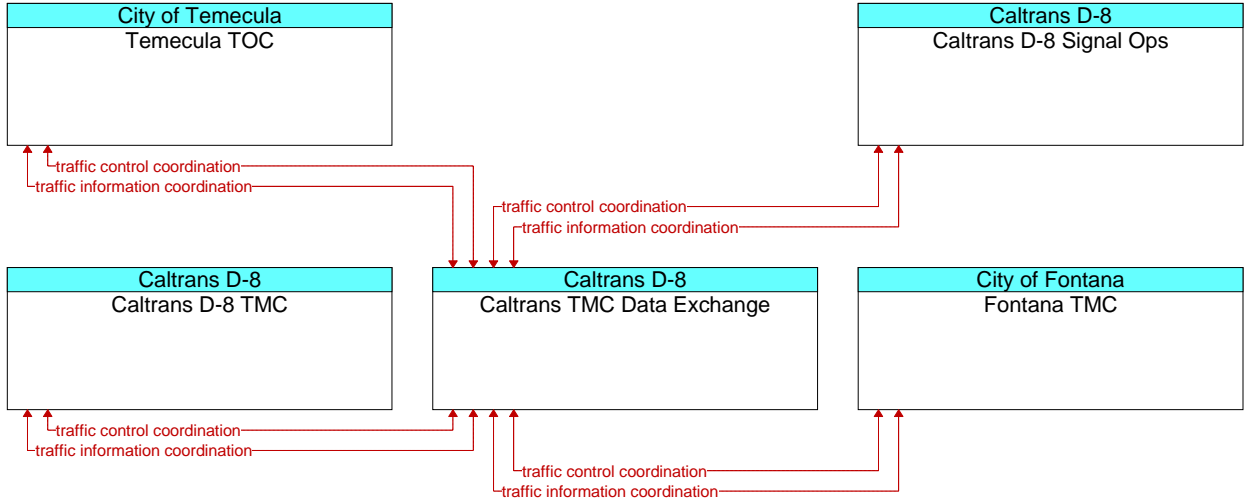
Stakeholder: **Caltrans District 8**
Architecture Element: **Caltrans D-8 TMC Data Exchange**
Interconnect Diagram



Planned



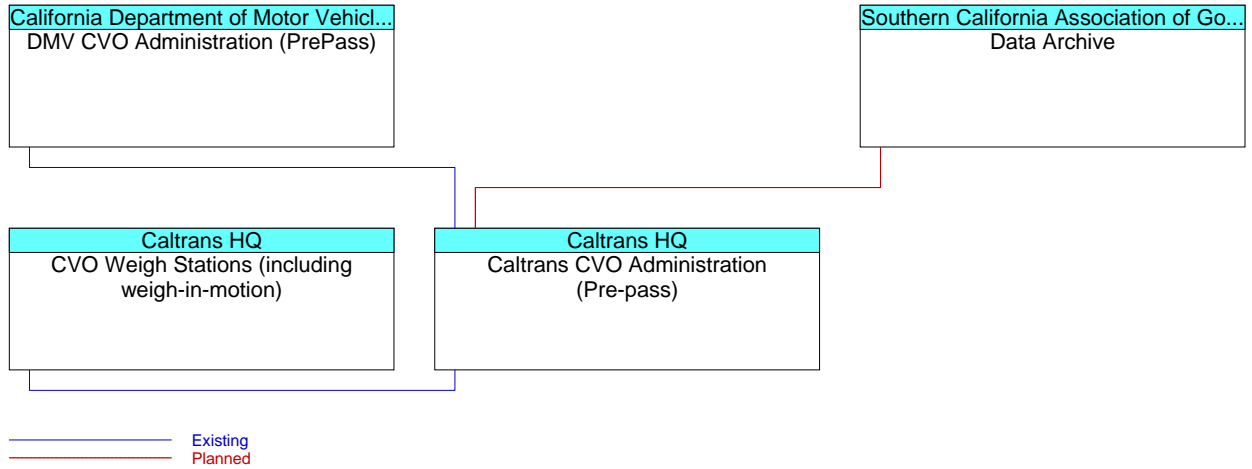
Stakeholder: **Caltrans District 8**
Architecture Element: **Caltrans D-8 TMC Data Exchange**
Architecture Flows Diagram



— Planned

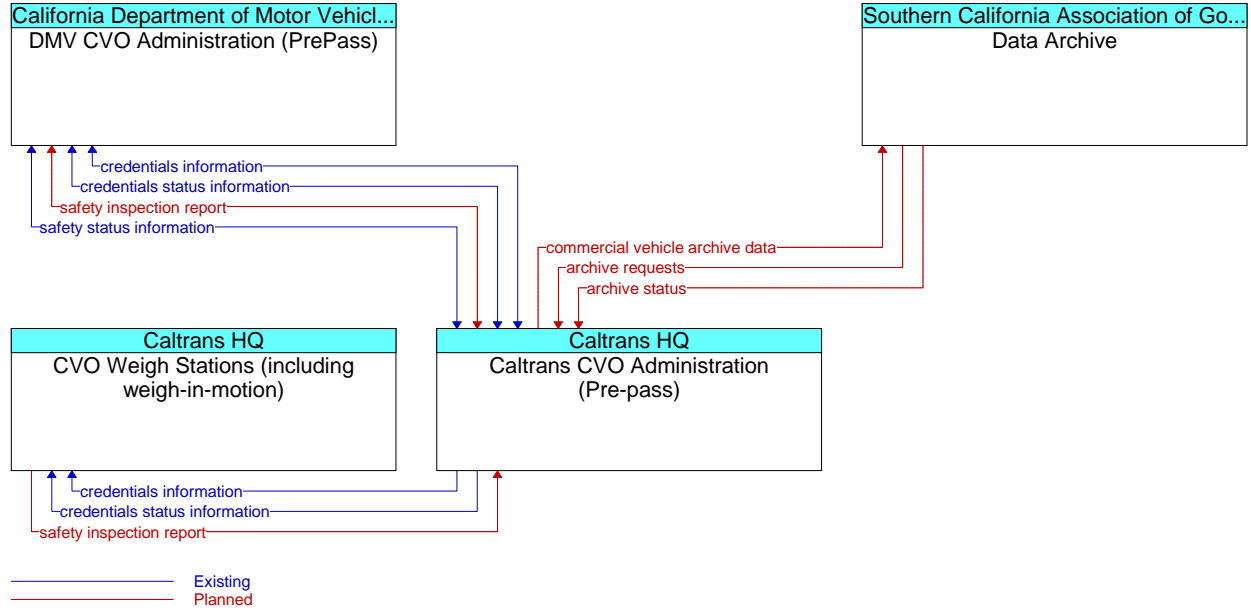


Stakeholder: **Caltrans HQ**
Architecture Element: **Caltrans CVO Administration (PrePass)**
Interconnect Diagram



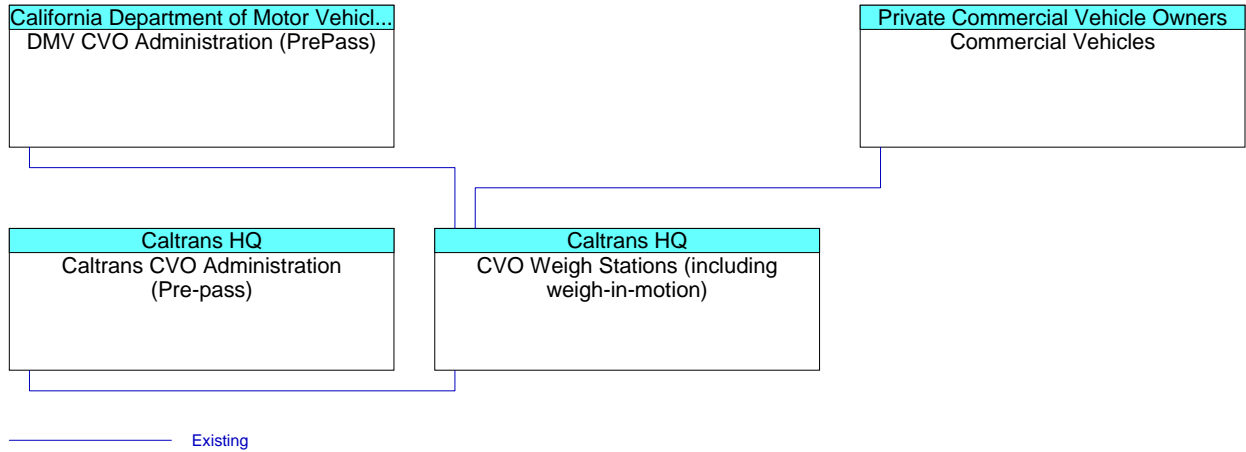


Stakeholder: **Caltrans HQ**
 Architecture Element: **Caltrans CVO Administration (PrePass)**
Architecture Flows Diagram



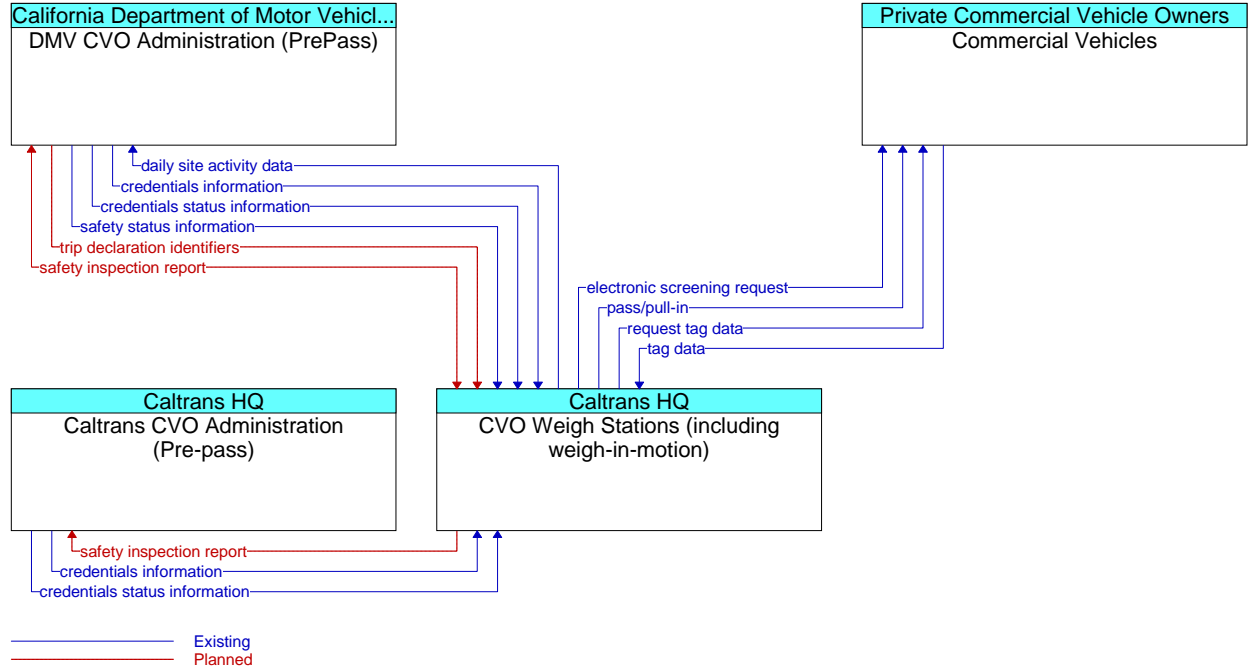


Stakeholder: **Caltrans HQ**
Architecture Element: **CVO Weigh Stations (including weigh-in-motion)**
Interconnect Diagram



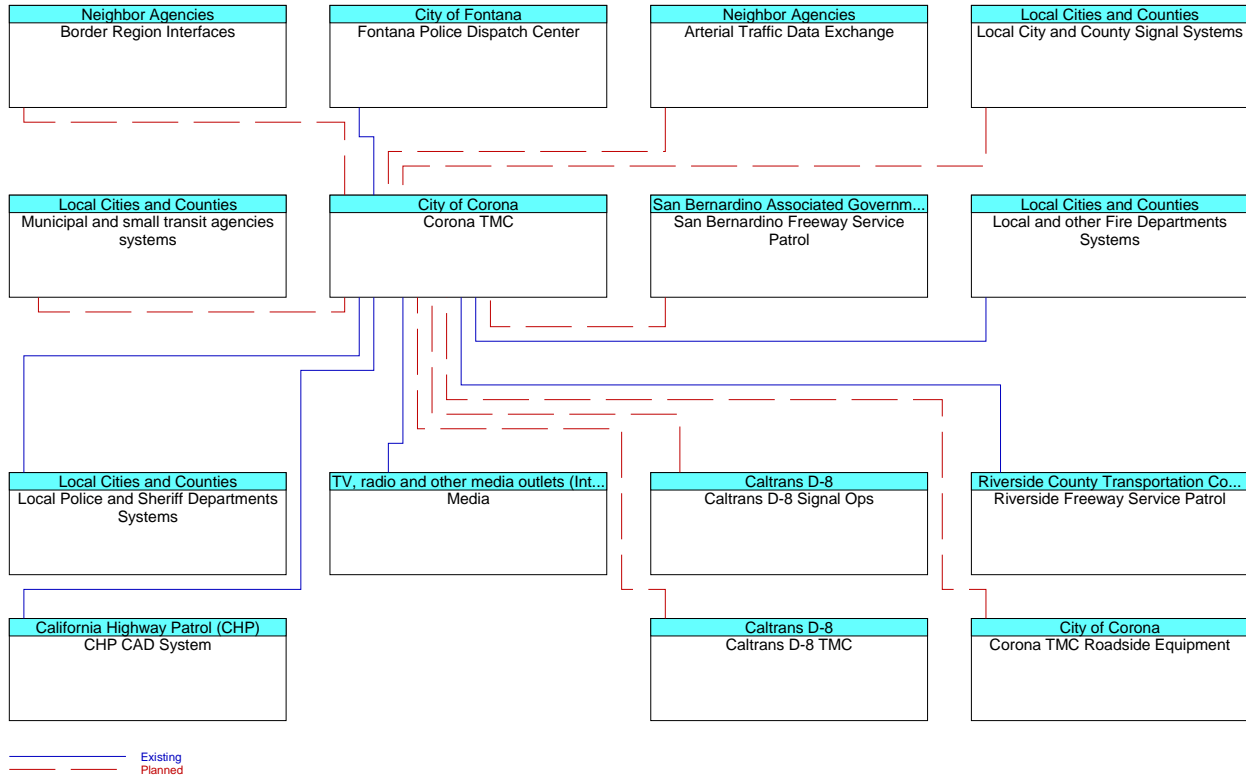


Stakeholder: **Caltrans HQ**
 Architecture Element: **CVO Weigh Stations (including weigh-in-motion)**
Architecture Flows Diagram



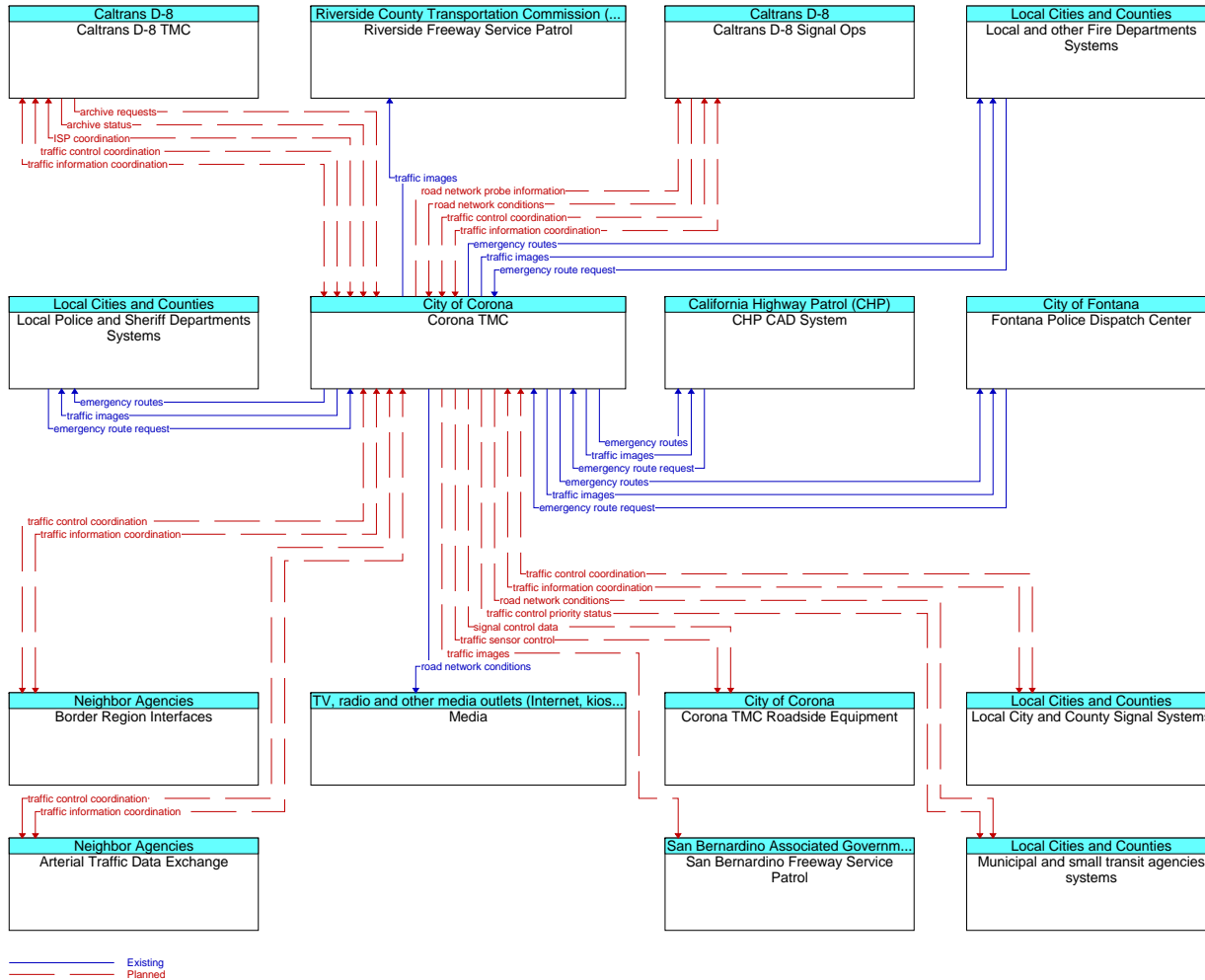


Stakeholder: **City of Corona**
 Architecture Element: **Corona TMC**
Interconnect Diagram





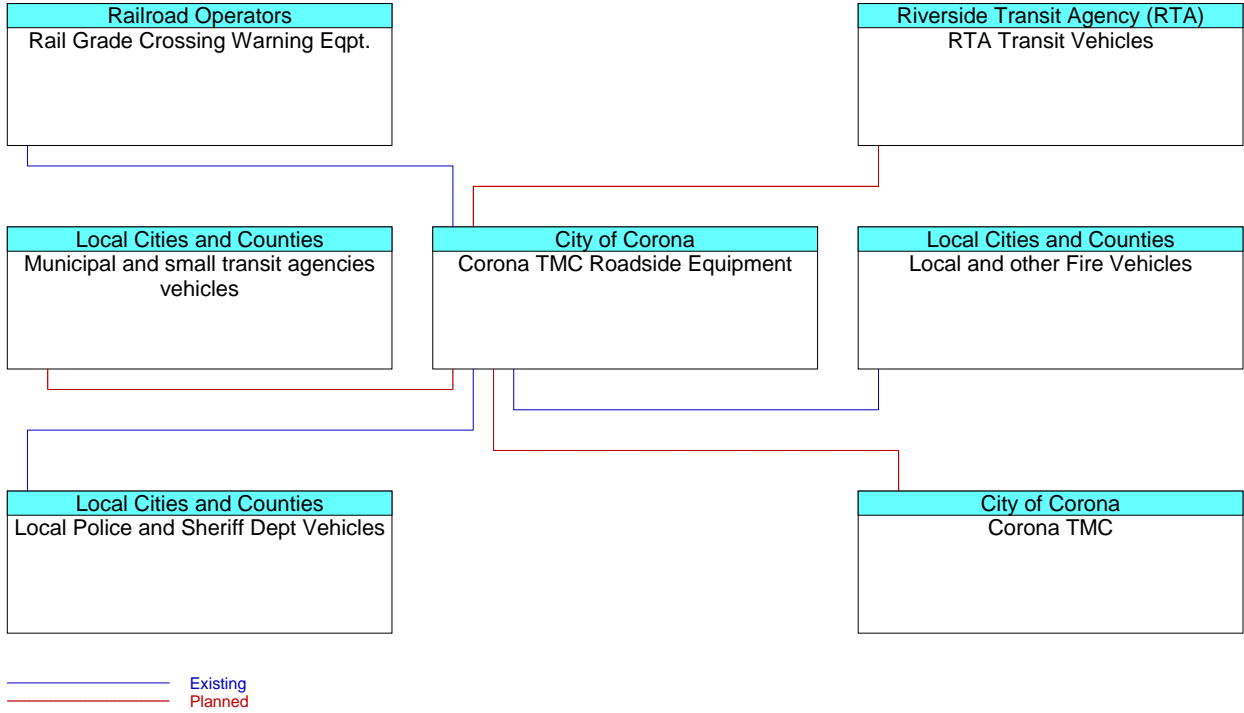
Stakeholder: **City of Corona**
 Architecture Element: **Corona TMC**
 Architecture Flows Diagram



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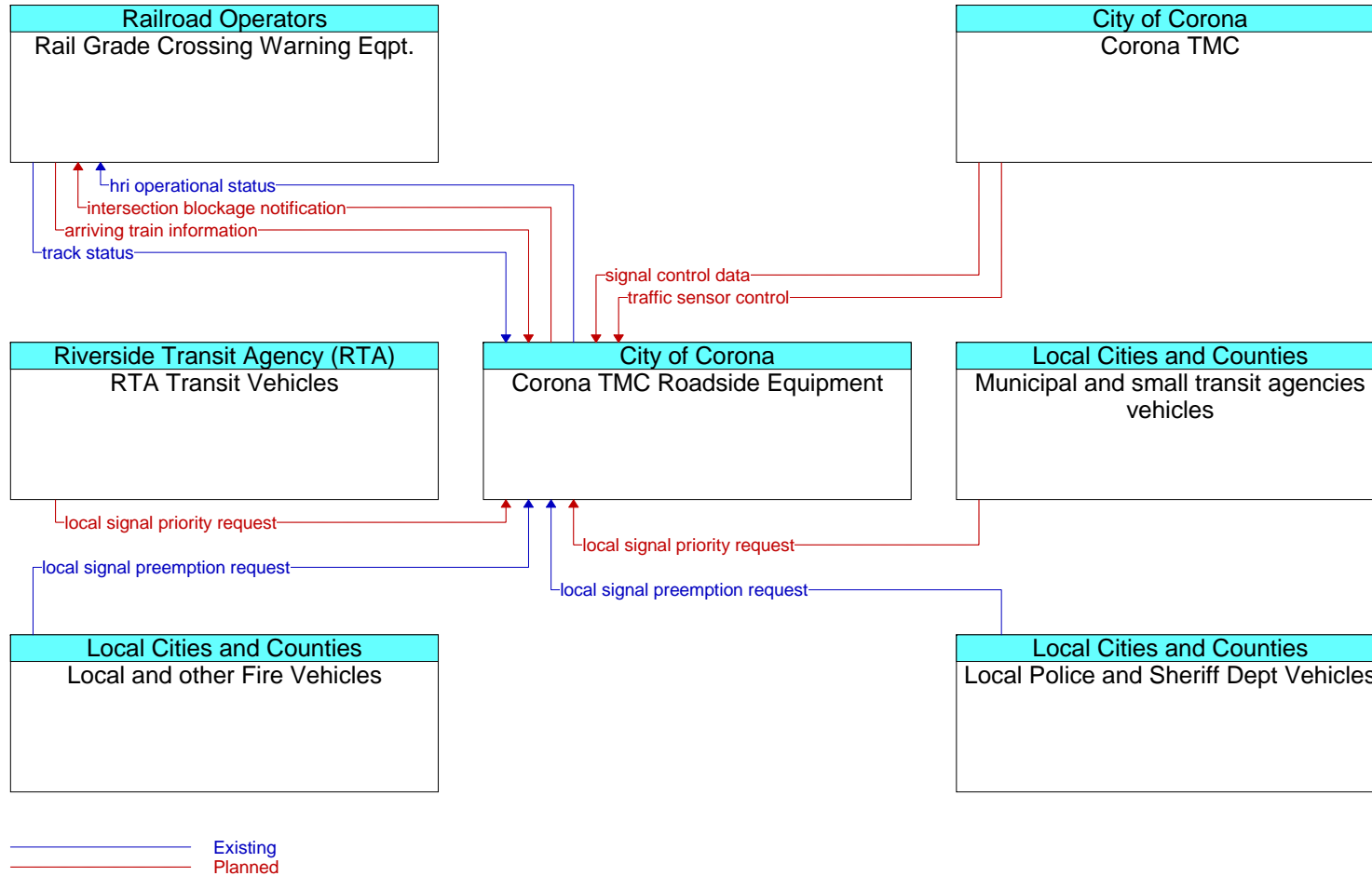


Stakeholder: **City of Corona**
 Architecture Element: **Corona TMC Roadside Equipment**
Interconnect Diagram



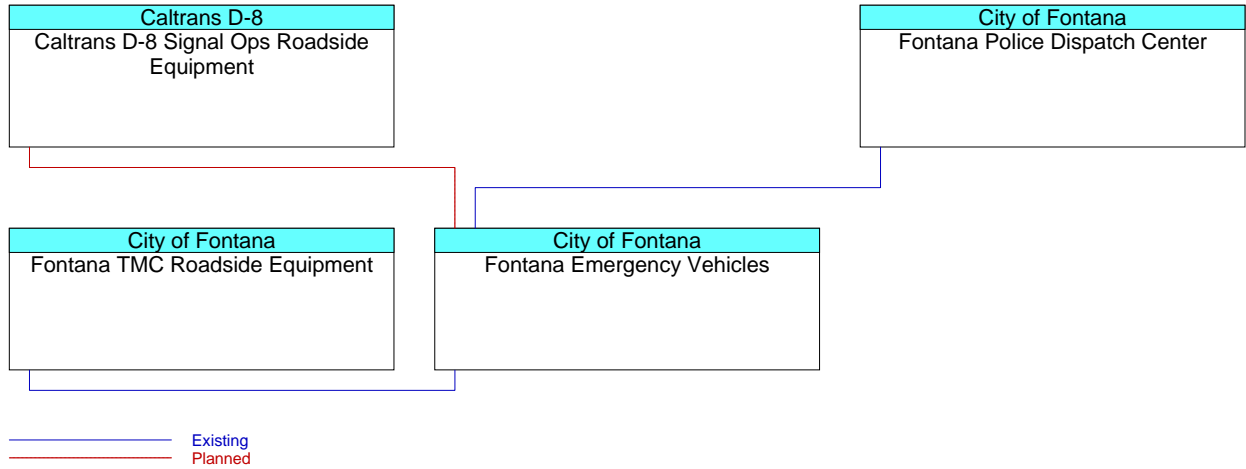


Stakeholder: **City of Corona**
 Architecture Element: **Corona TMC Roadside Equipment**
Architecture Flows Diagram



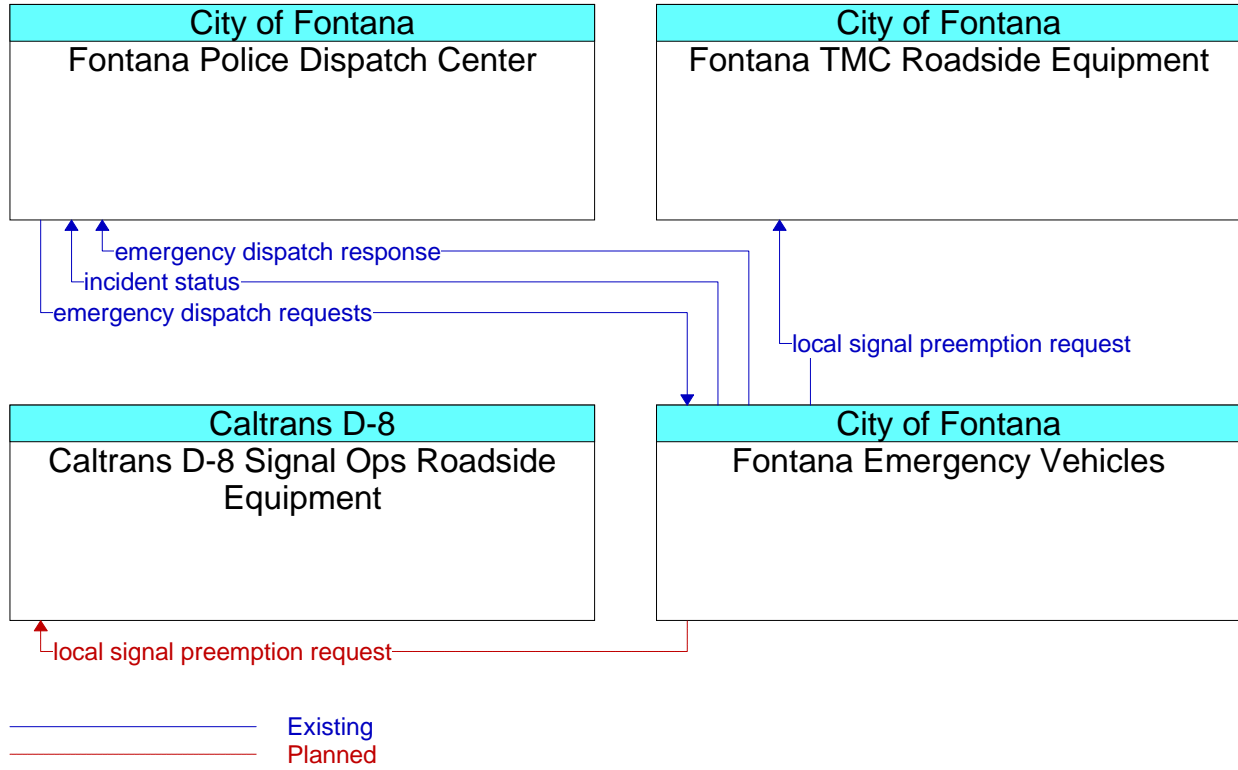


Stakeholder: **City of Fontana**
Architecture Element: **Fontana Emergency Vehicles**
Interconnect Diagram



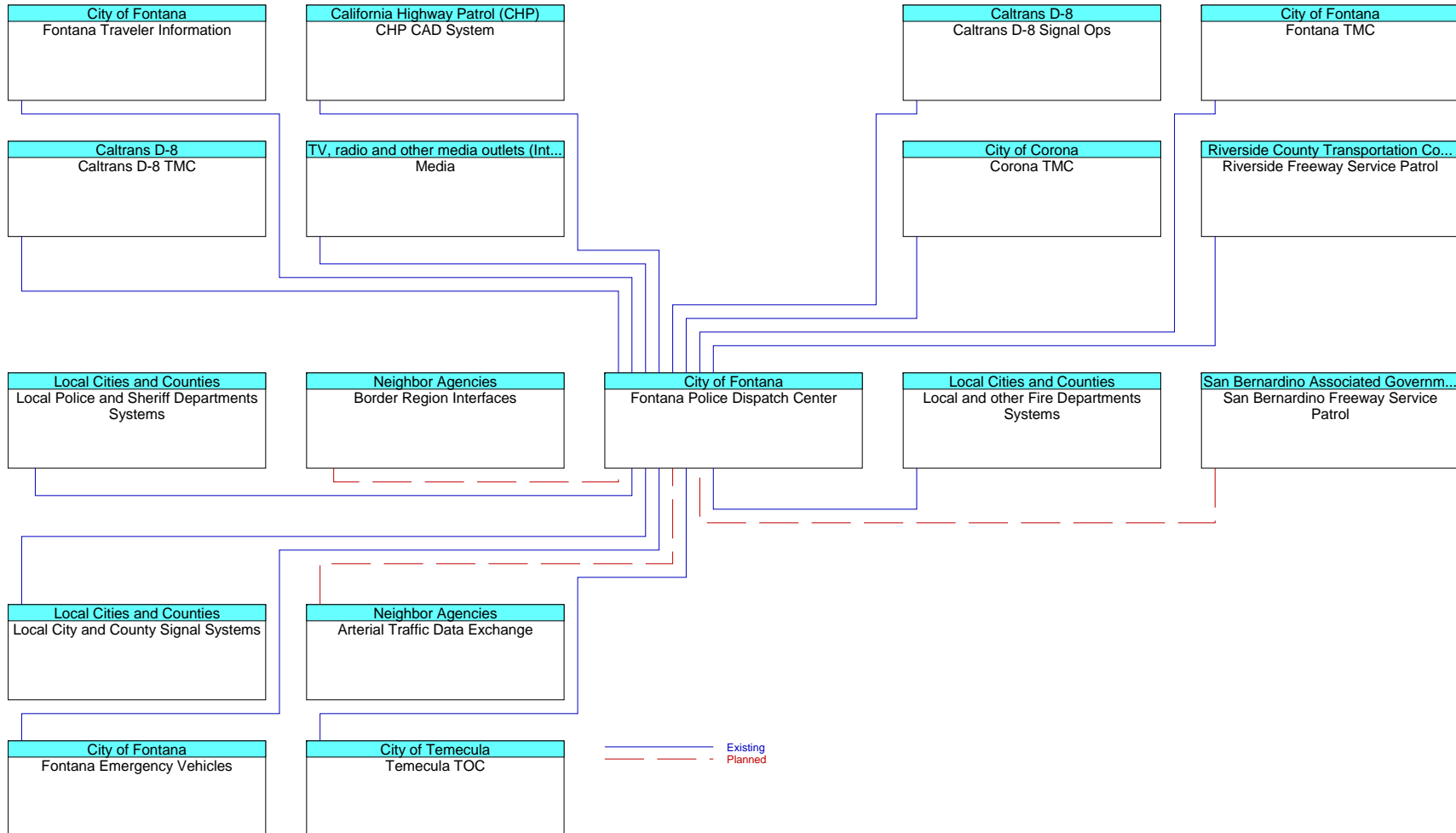


Stakeholder: **City of Fontana**
Architecture Element: **Fontana Emergency Vehicles**
Architecture Flows Diagram



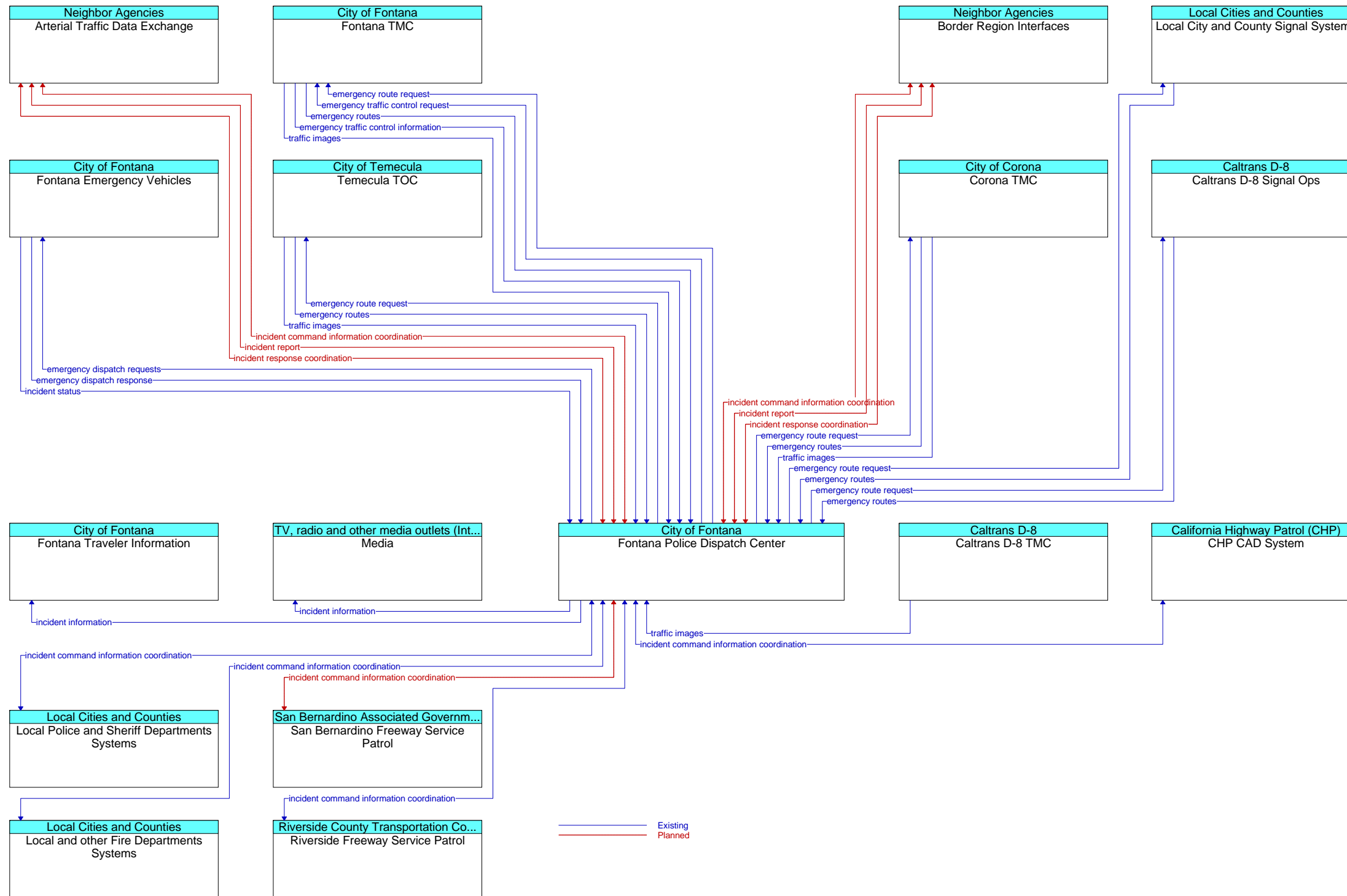


Stakeholder: **City of Fontana**
 Architecture Element: **Fontana Police Dispatch**
Interconnect Diagram



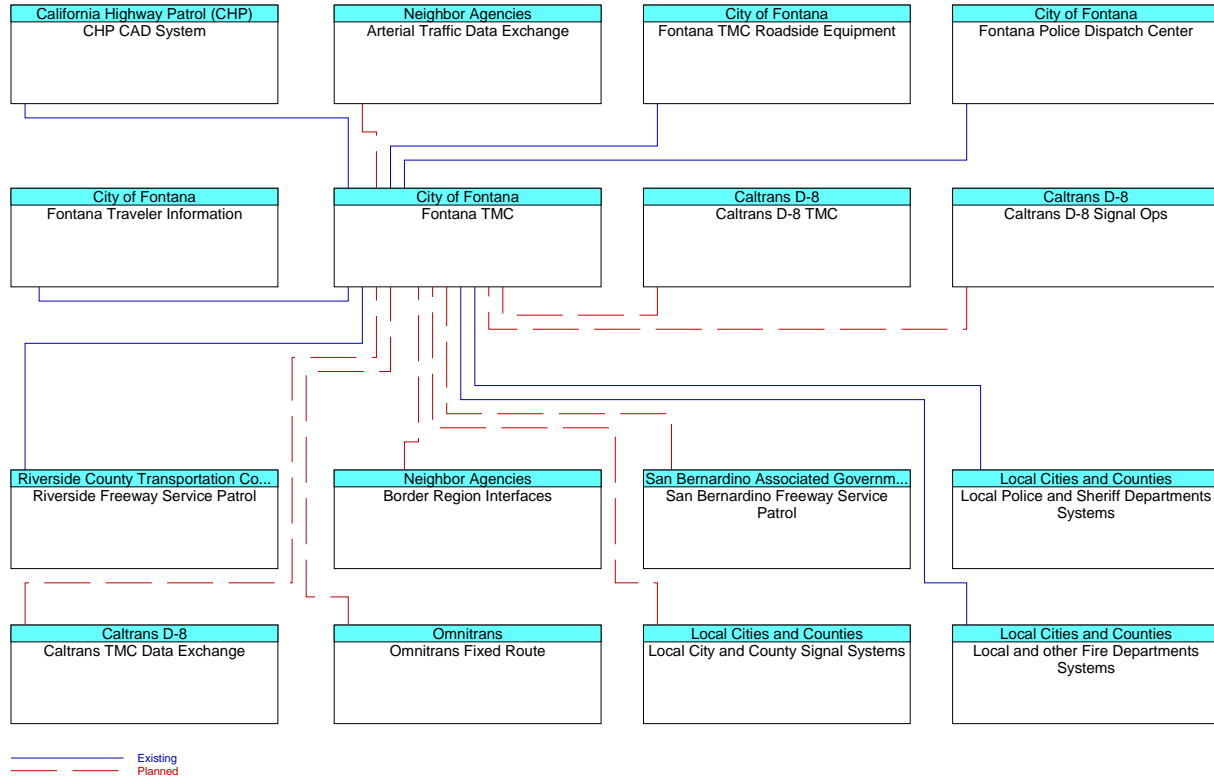


Stakeholder: **City of Fontana**
 Architecture Element: **Fontana Police Dispatch**
 Architecture Flows Diagram



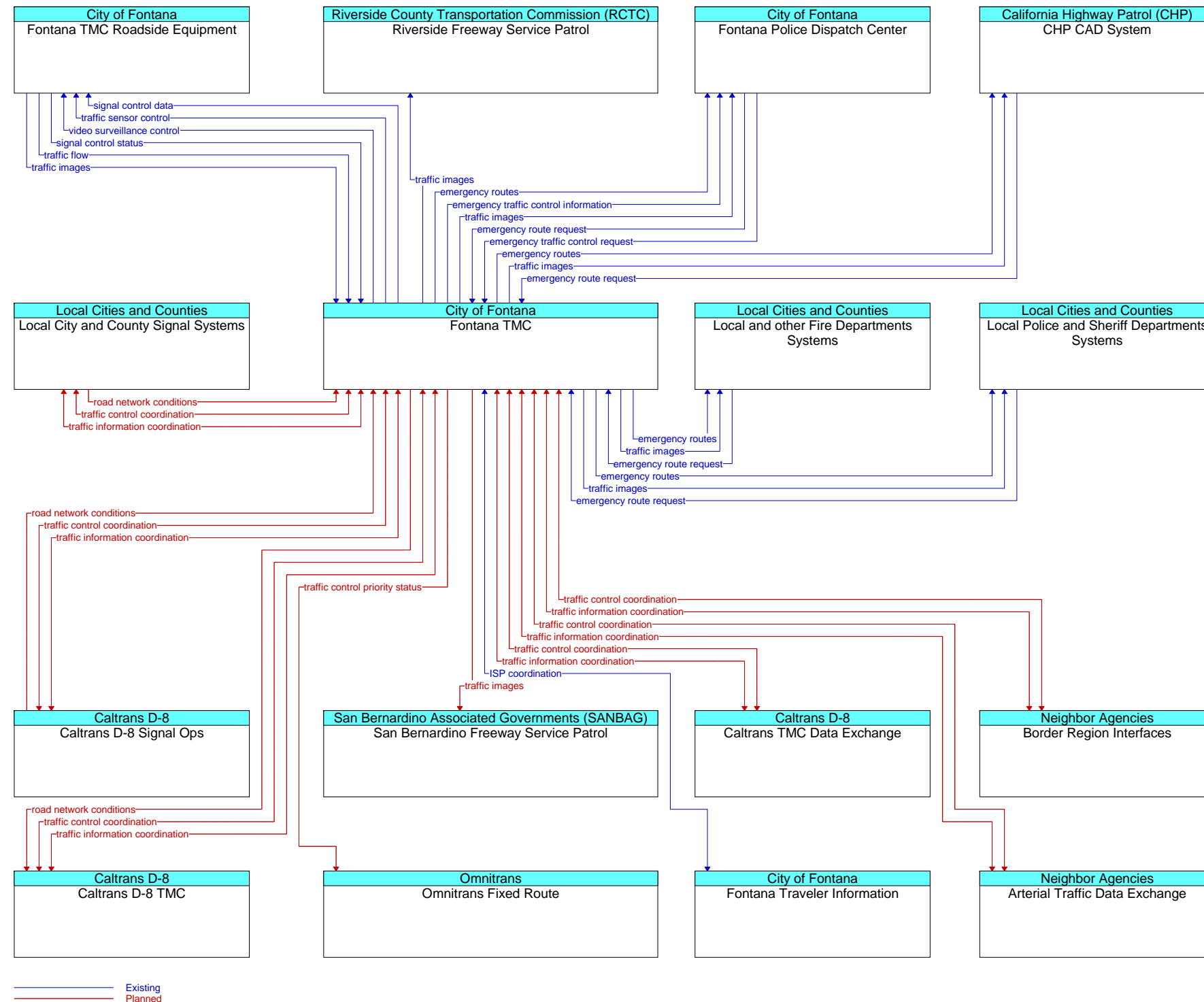


Stakeholder: **City of Fontana**
 Architecture Element: **Fontana TMC**
Interconnect Diagram



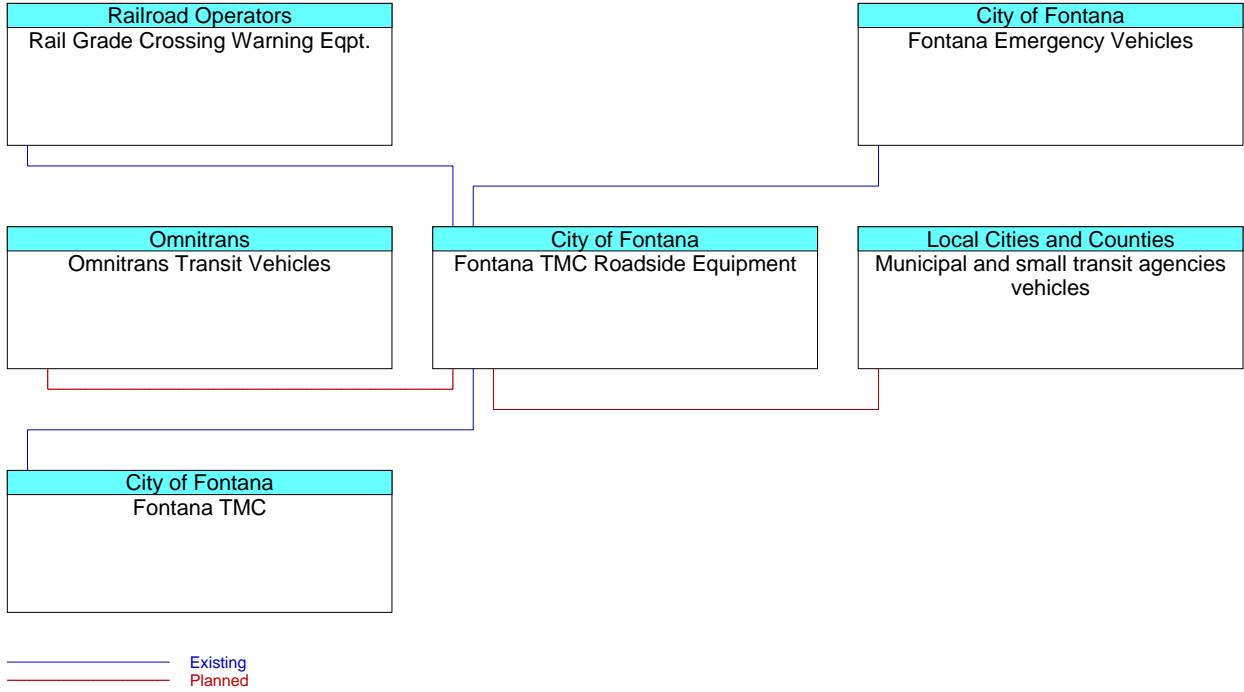


Stakeholder: **City of Fontana**
 Architecture Element: **Fontana TMC**
 Architecture Flows Diagram



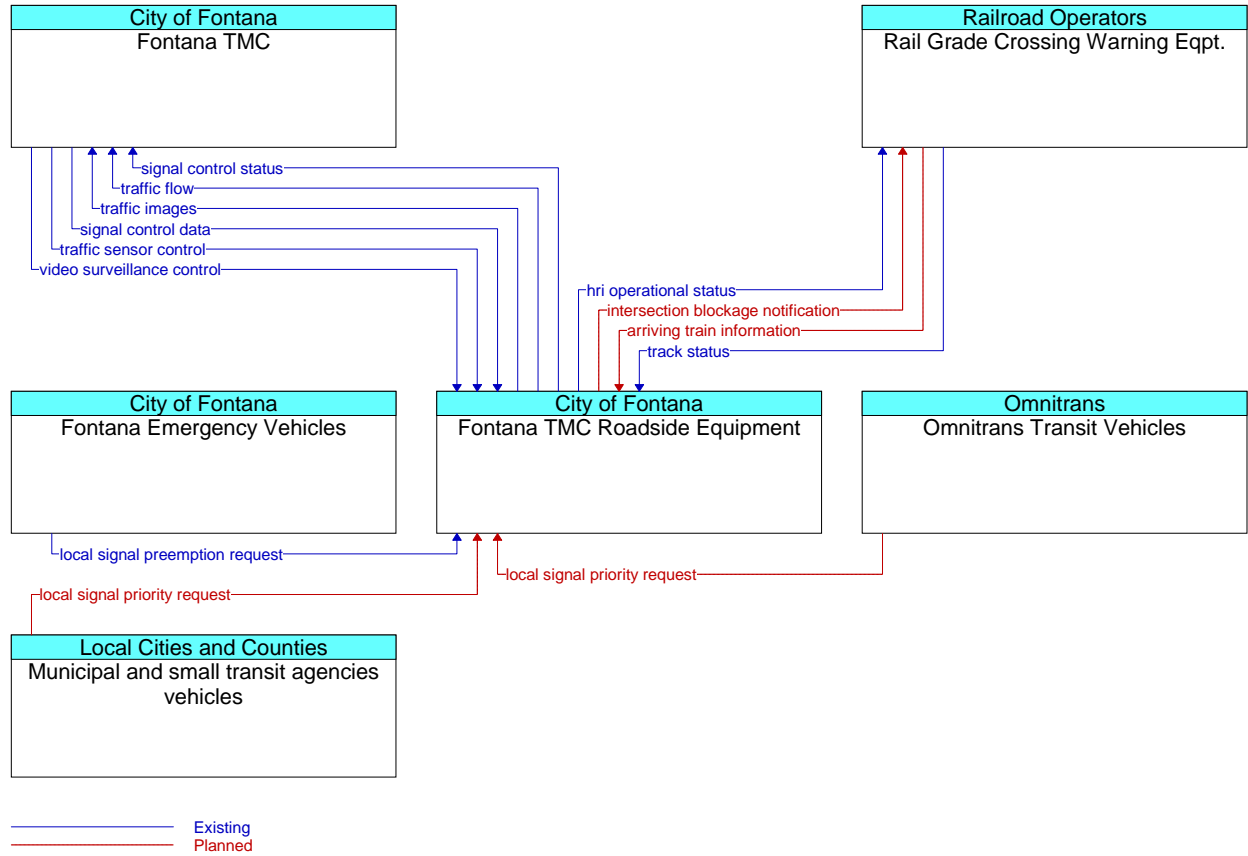


Stakeholder: **City of Fontana**
Architecture Element: **Fontana TMC Roadside Equipment**
Interconnect Diagram



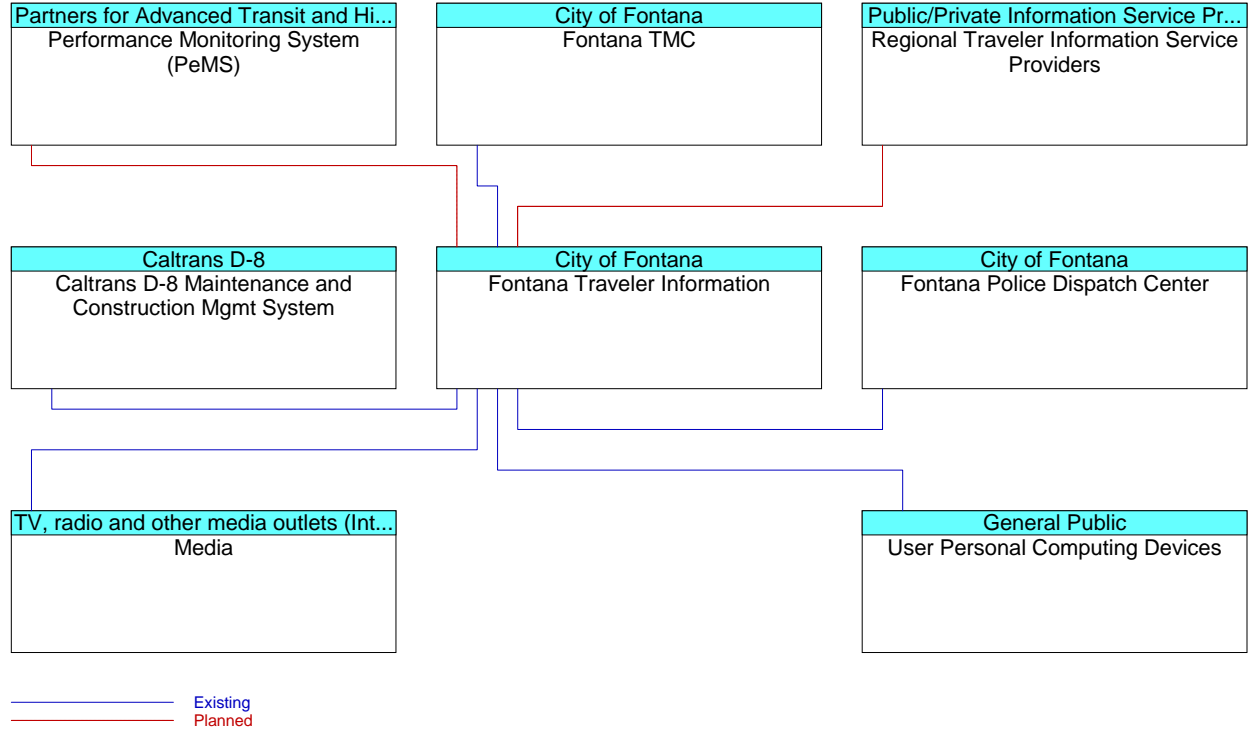


Stakeholder: **City of Fontana**
 Architecture Element: **Fontana TMC Roadside Equipment**
Architecture Flows Diagram



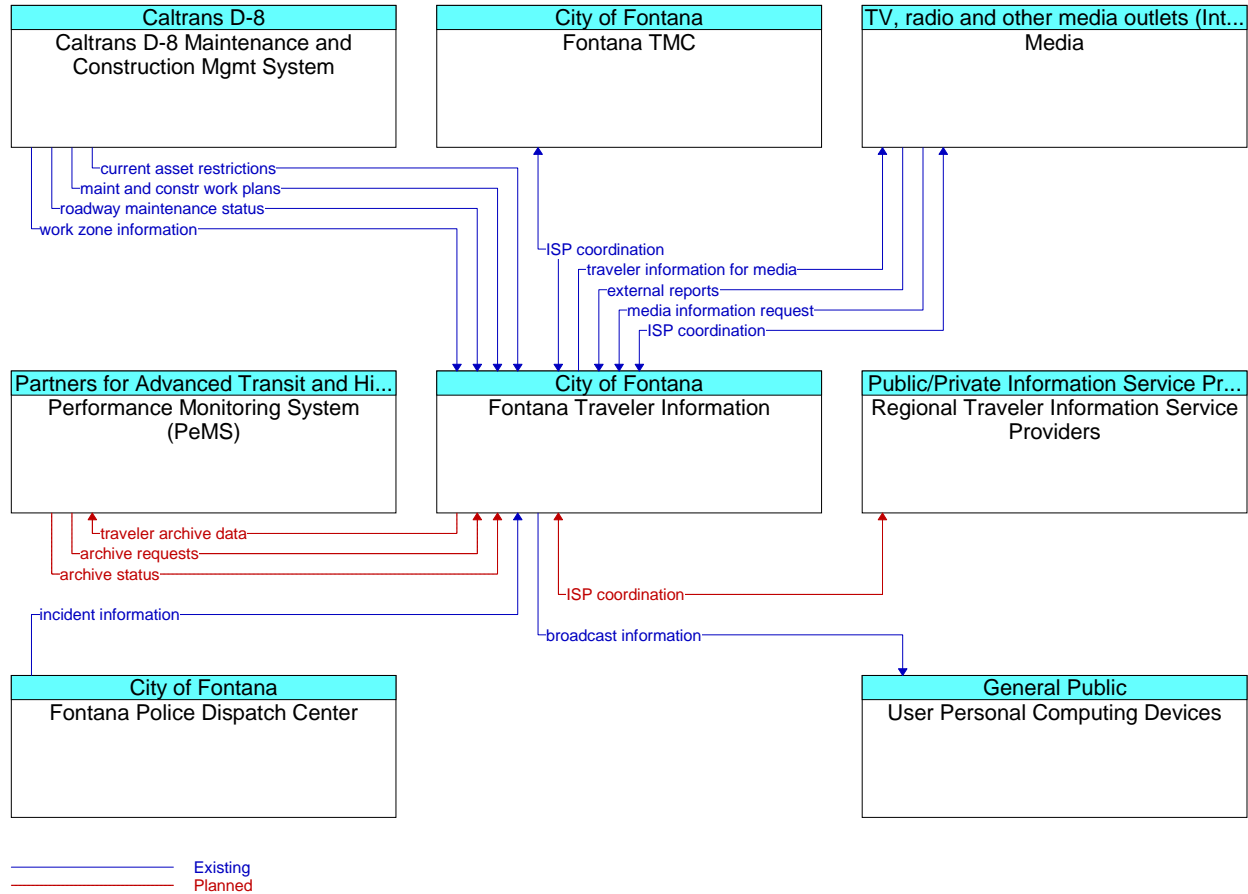


Stakeholder: **City of Fontana**
 Architecture Element: **Fontana Traveler Information**
Interconnect Diagram



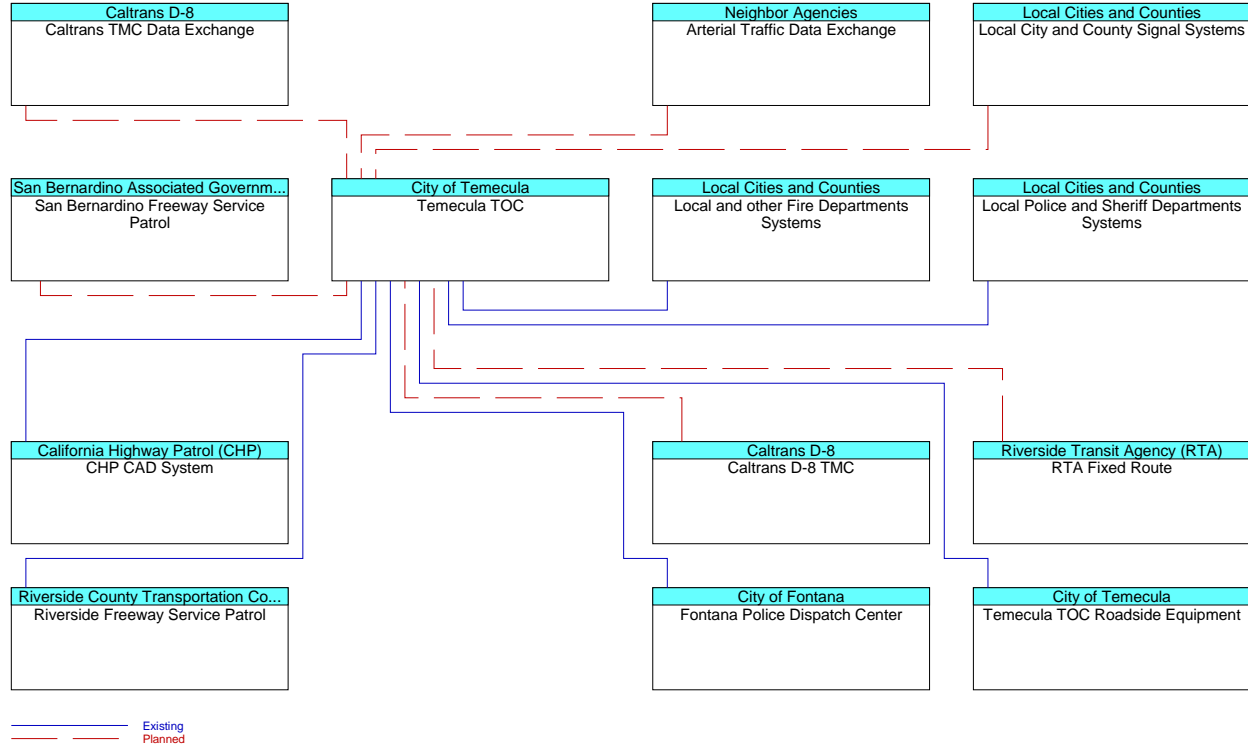


Stakeholder: **City of Fontana**
 Architecture Element: **Fontana Traveler Information**
 Architecture Flows Diagram



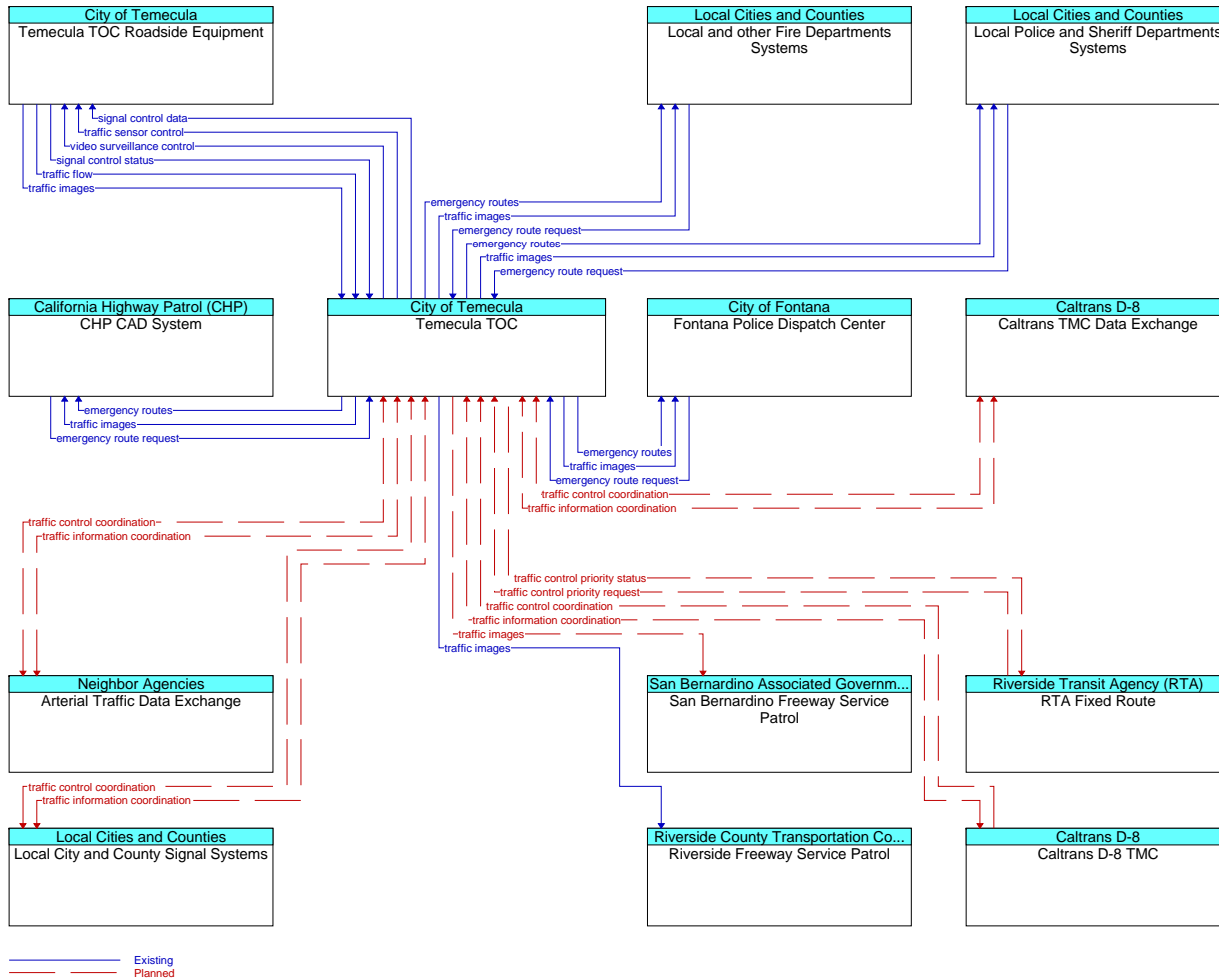


Stakeholder: **City of Temecula**
 Architecture Element: **Temecula TOC**
Interconnect Diagram



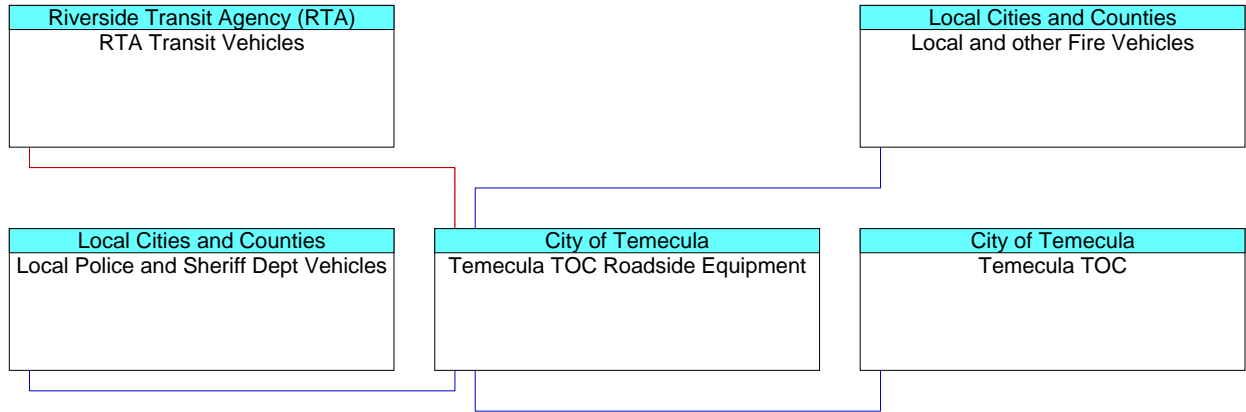


Stakeholder: **City of Temecula**
 Architecture Element: **Temecula TOC**
 Architecture Flows Diagram





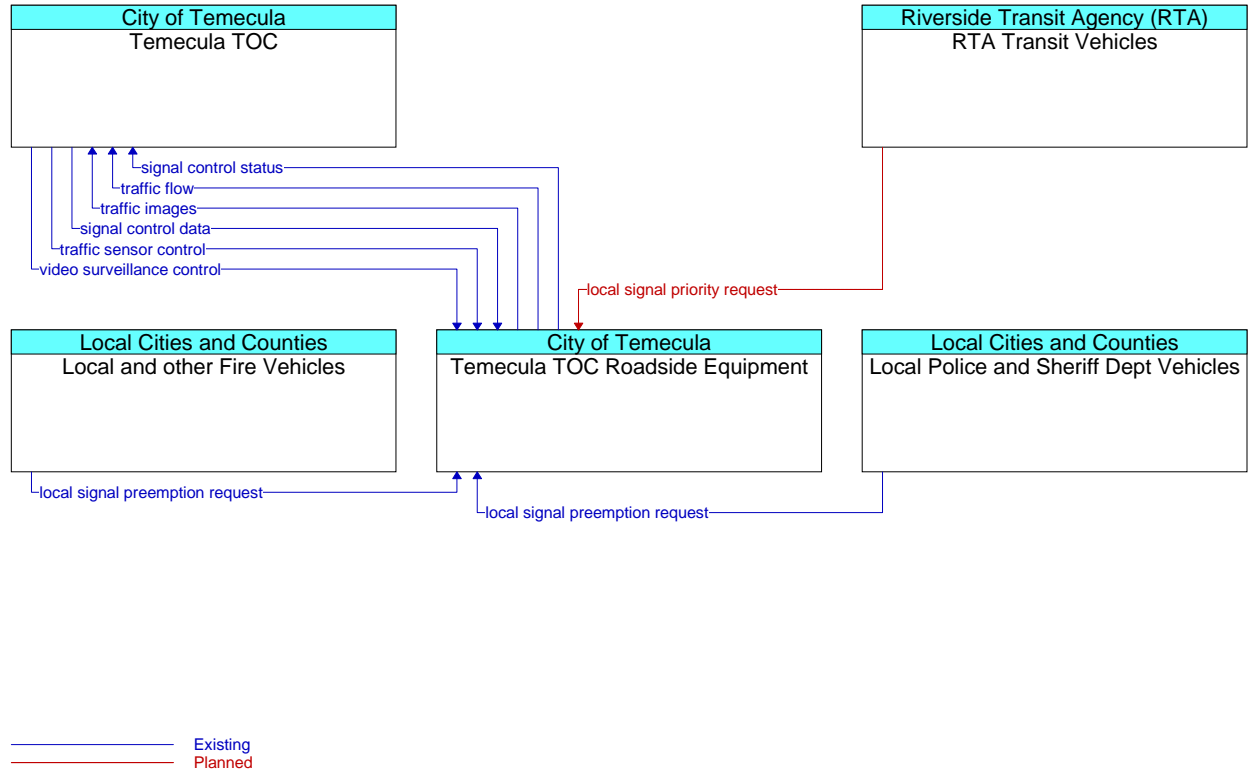
Stakeholder: **City of Temecula**
Architecture Element: **Temecula TOC Roadside Equipment**
Interconnect Diagram



— Existing
— Planned

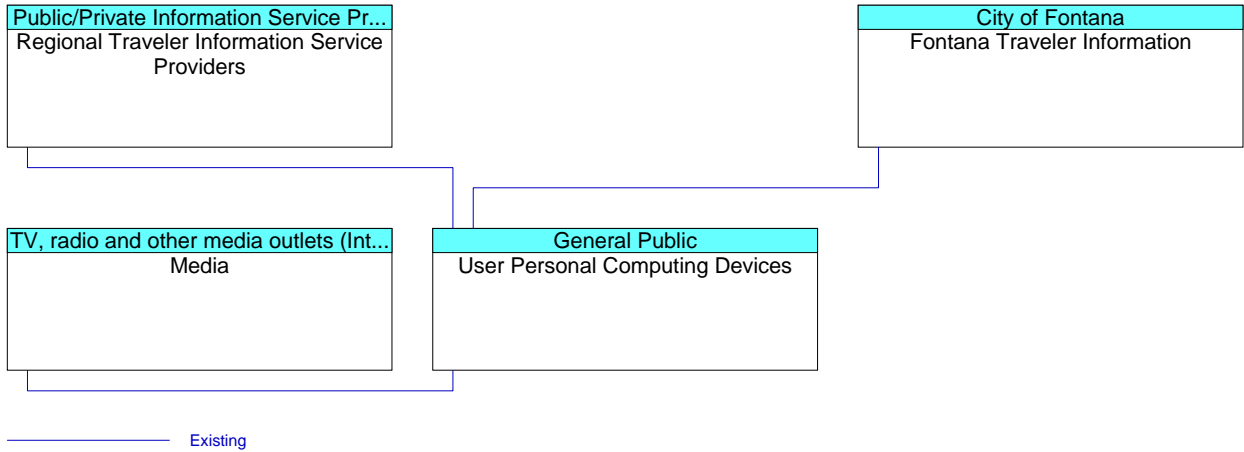


Stakeholder: **City of Temecula**
 Architecture Element: **Temecula TOC Roadside Equipment**
Architecture Flows Diagram



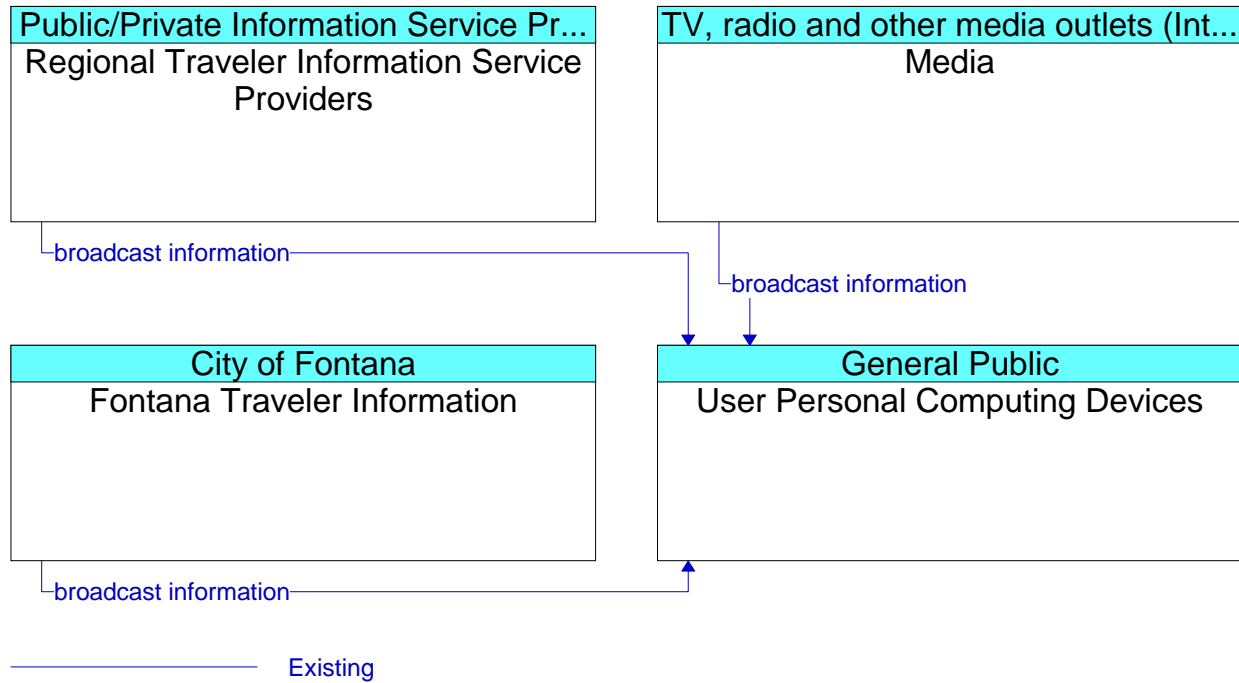


Stakeholder: **General Public**
Architecture Element: **User Personal Computing Devices**
Interconnect Diagram



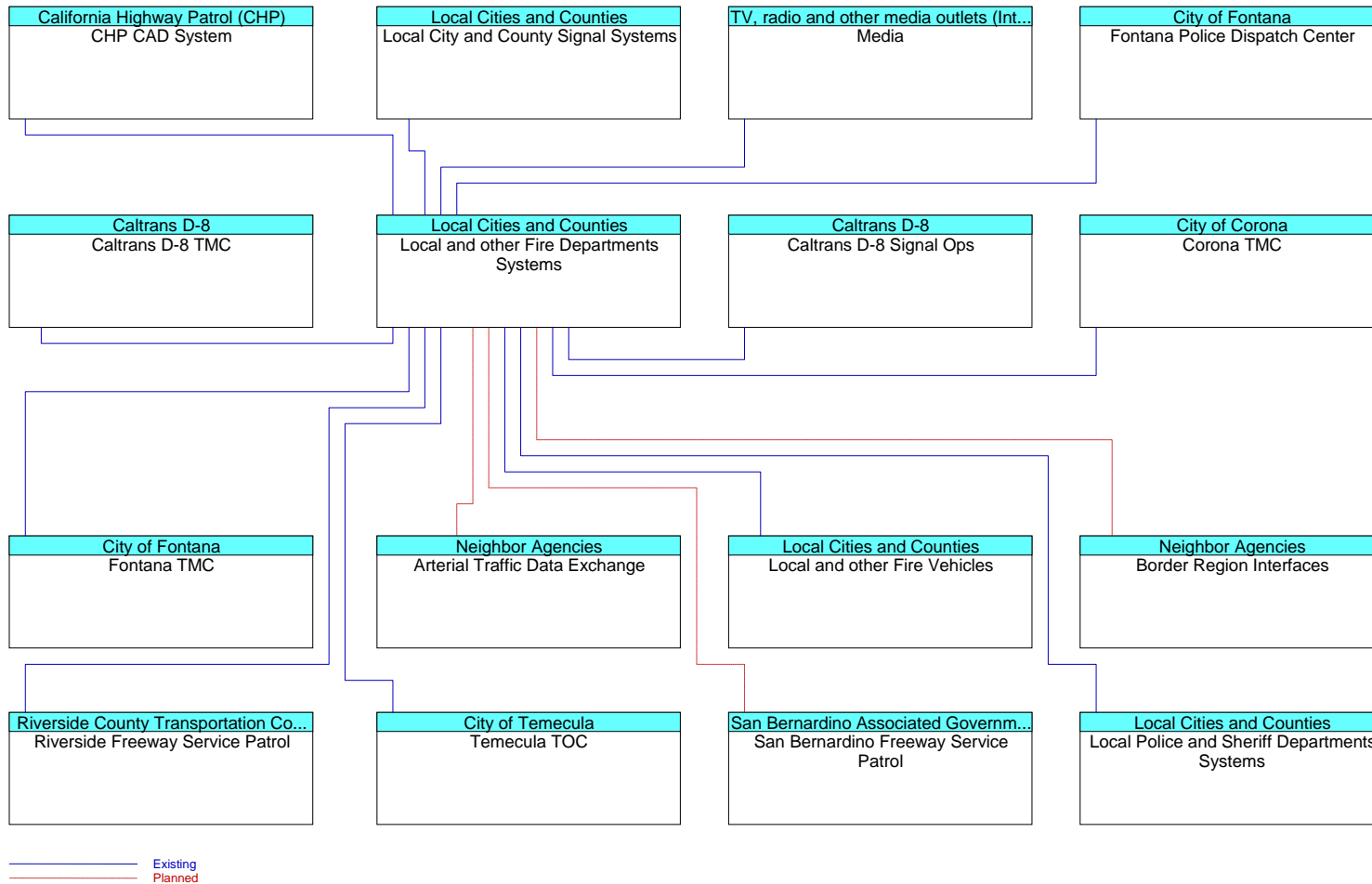


Stakeholder: **General Public**
Architecture Element: **User Personal Computing Devices**
Architecture Flows Diagram



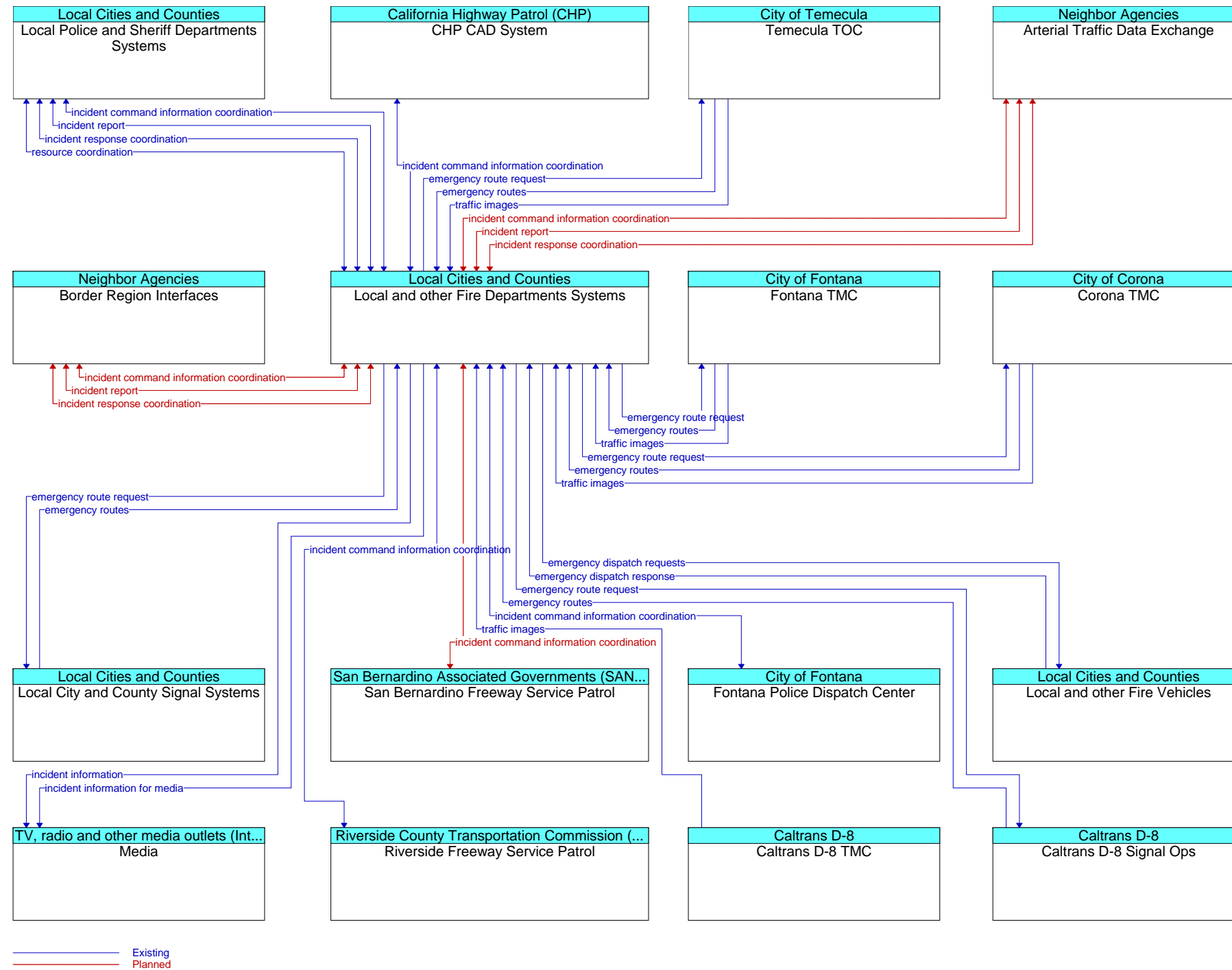


Stakeholder: **Local Cities and Counties**
 Architecture Element: **Local and other Fire Departments Systems**
Interconnect Diagram



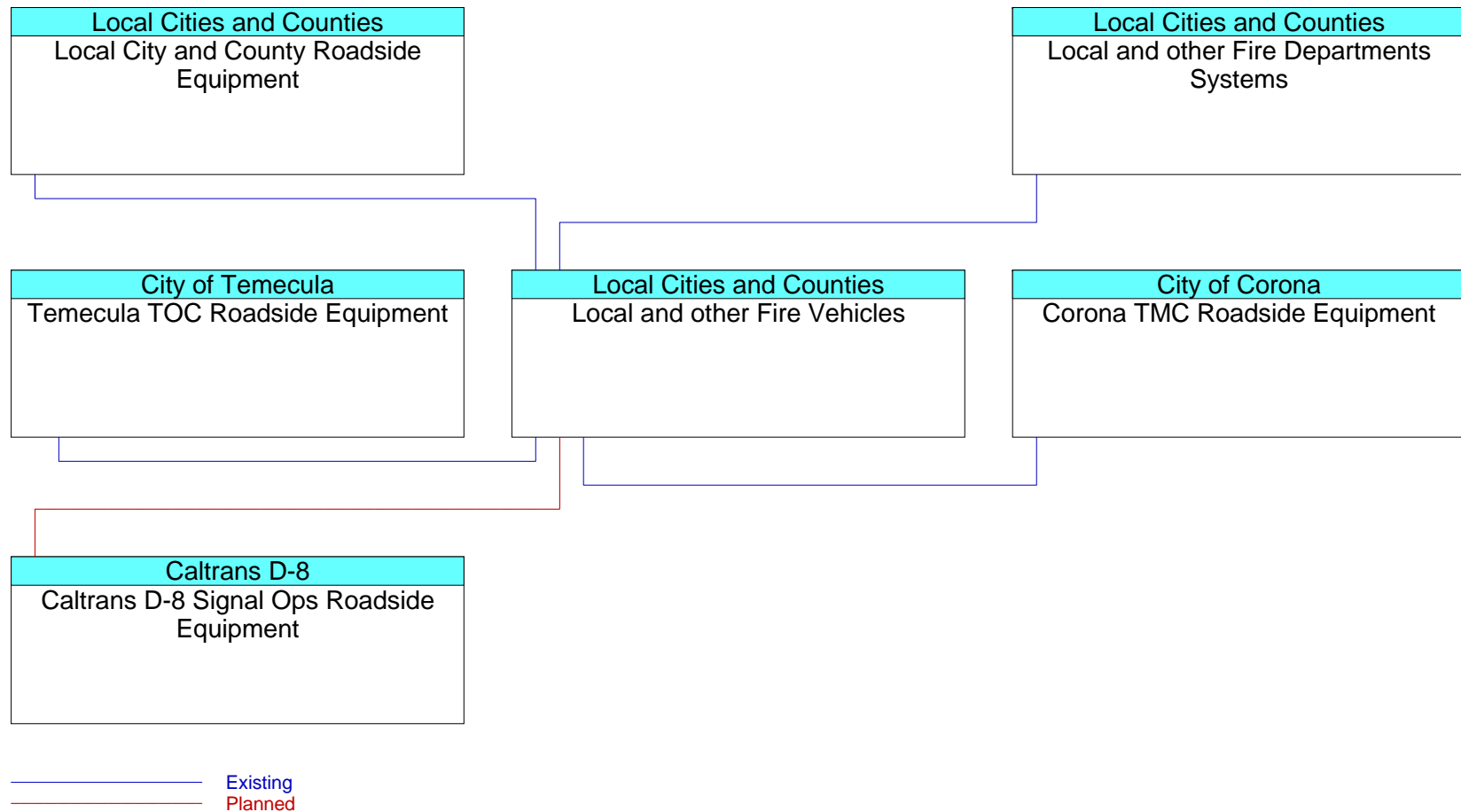


Stakeholder: **Local Cities and Counties**
 Architecture Element: **Local and other Fire Departments Systems**
 Architecture Flows Diagram



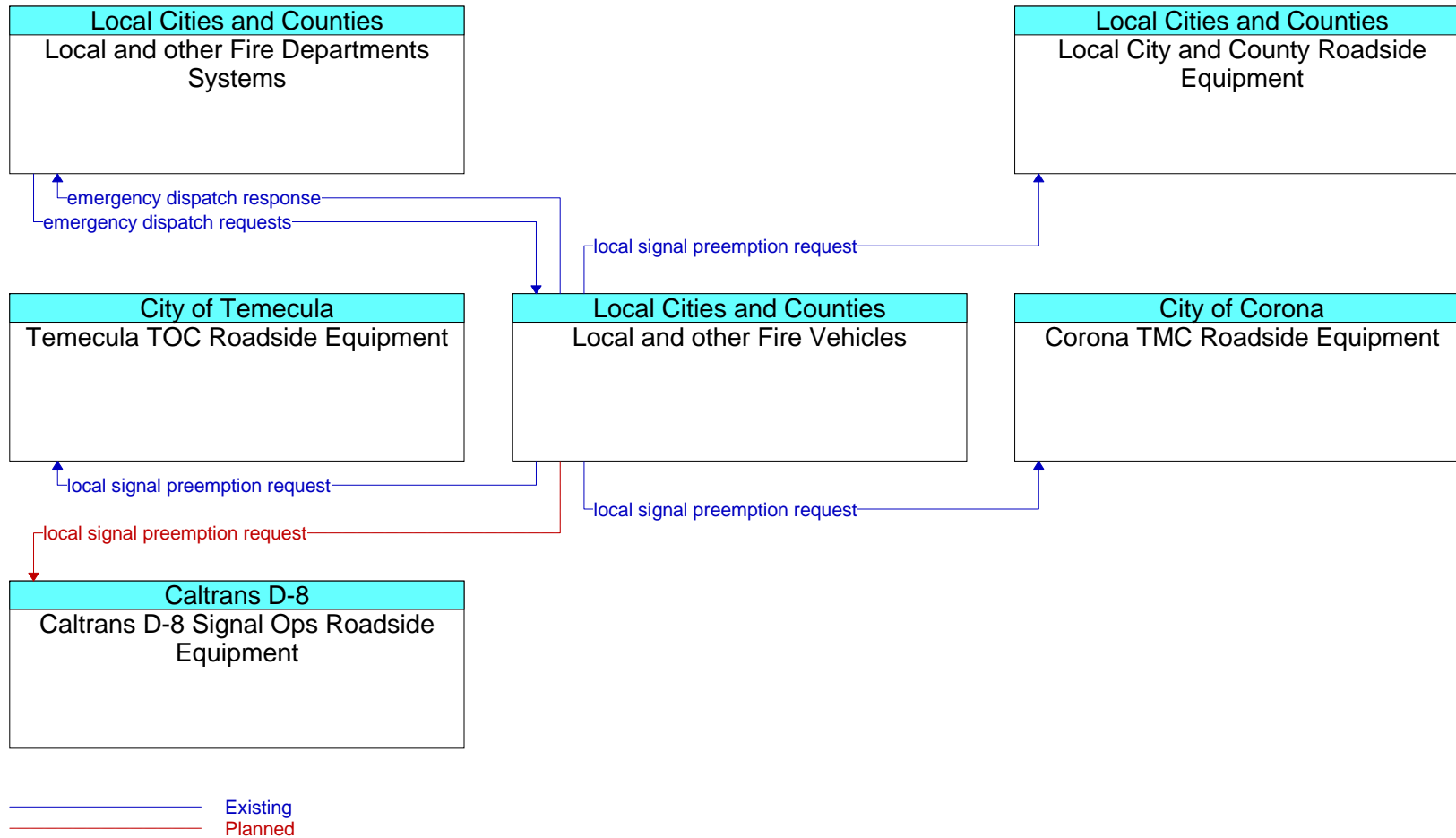


Stakeholder: **Local Cities and Counties**
Architecture Element: **Local and other Fire Vehicles**
Interconnect Diagram



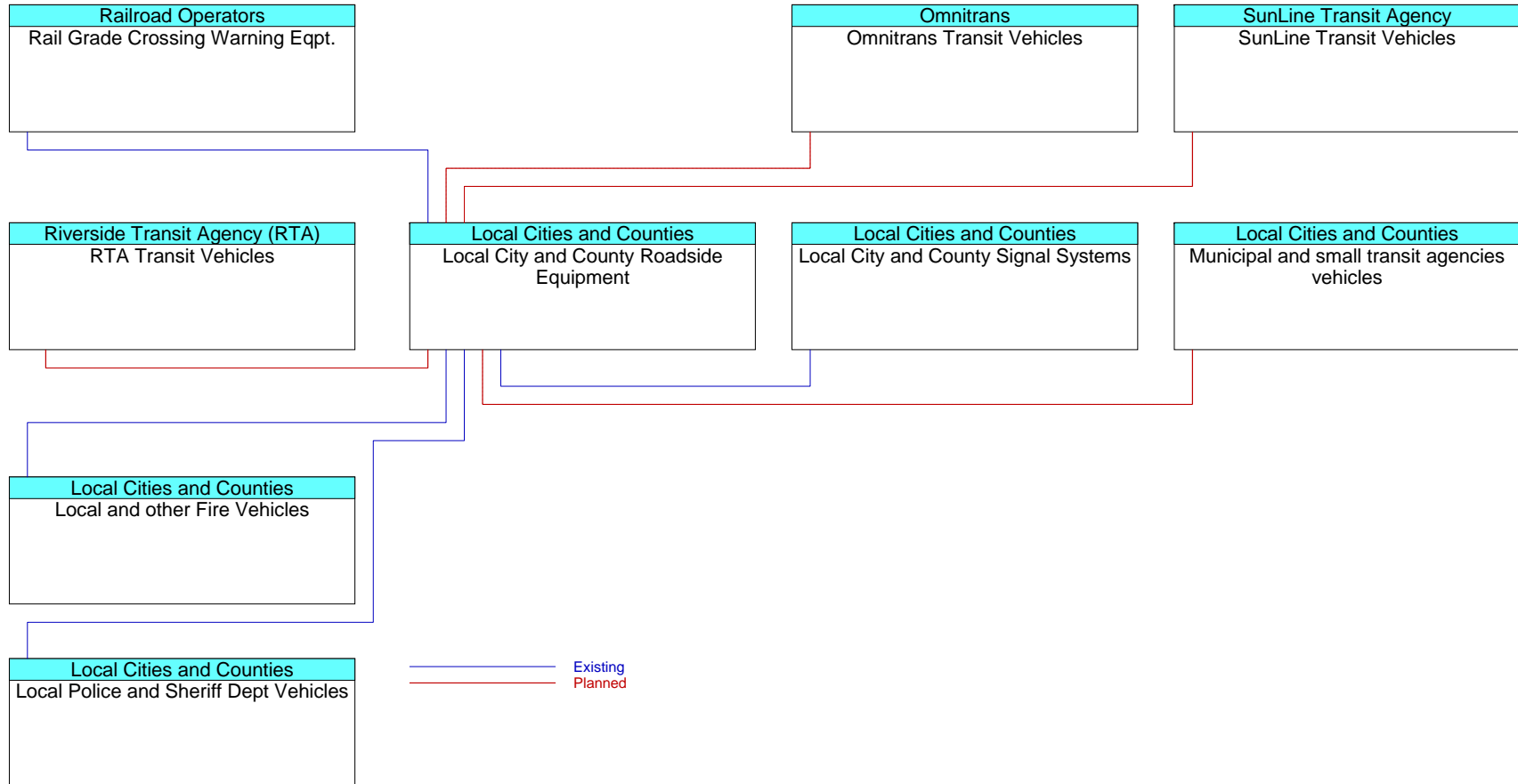


Stakeholder: **Local Cities and Counties**
 Architecture Element: **Local and other Fire Vehicles**
Architecture Flows Diagram



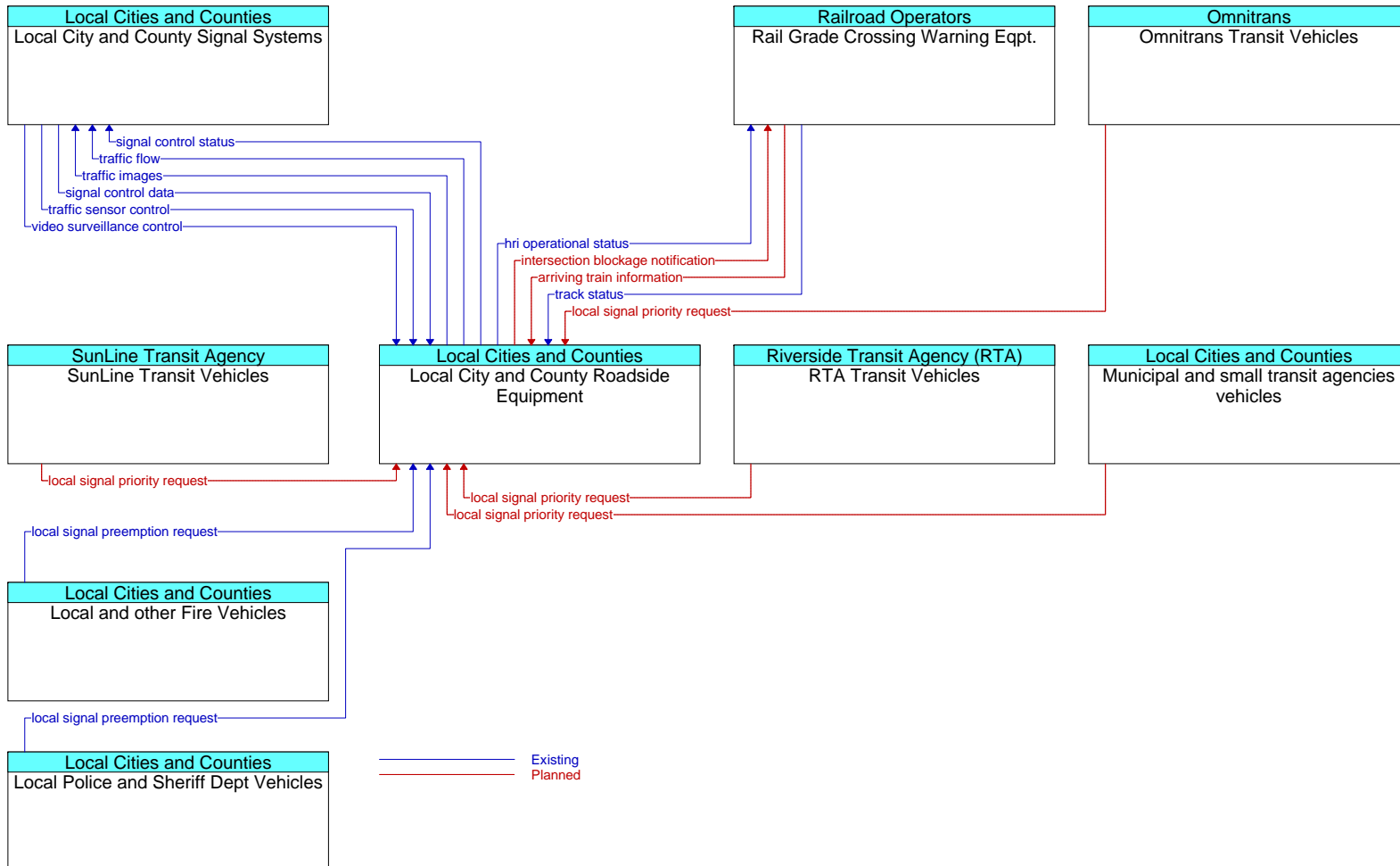


Stakeholder: **Local Cities and Counties**
 Architecture Element: **Local City and County Roadside Equipment**
Interconnect Diagram



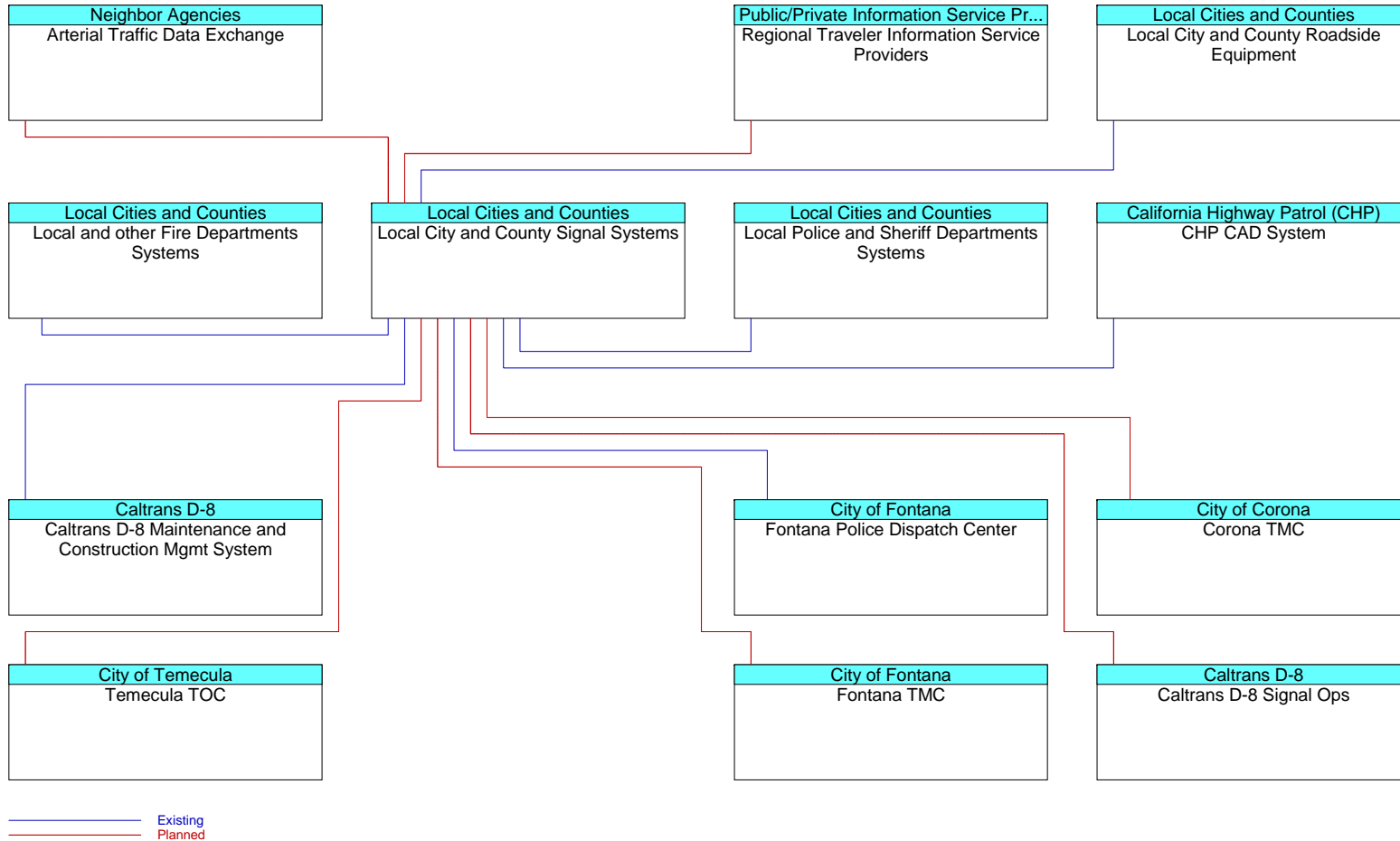


Stakeholder: **Local Cities and Counties**
 Architecture Element: **Local City and County Roadside Equipment**
Architecture Flows Diagram



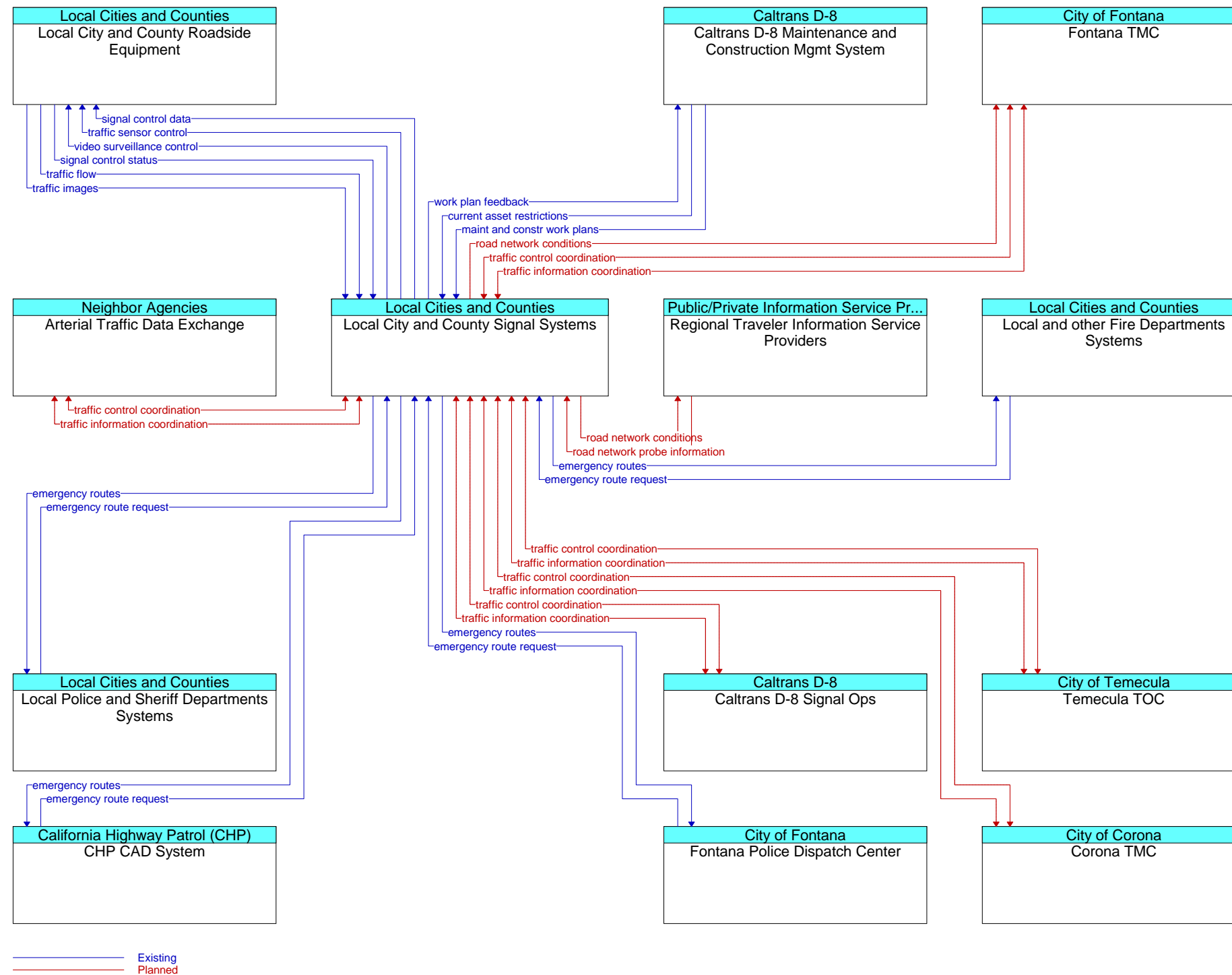


Stakeholder: **Local Cities and Counties**
 Architecture Element: **Local City and County Signal Systems**
Interconnect Diagram



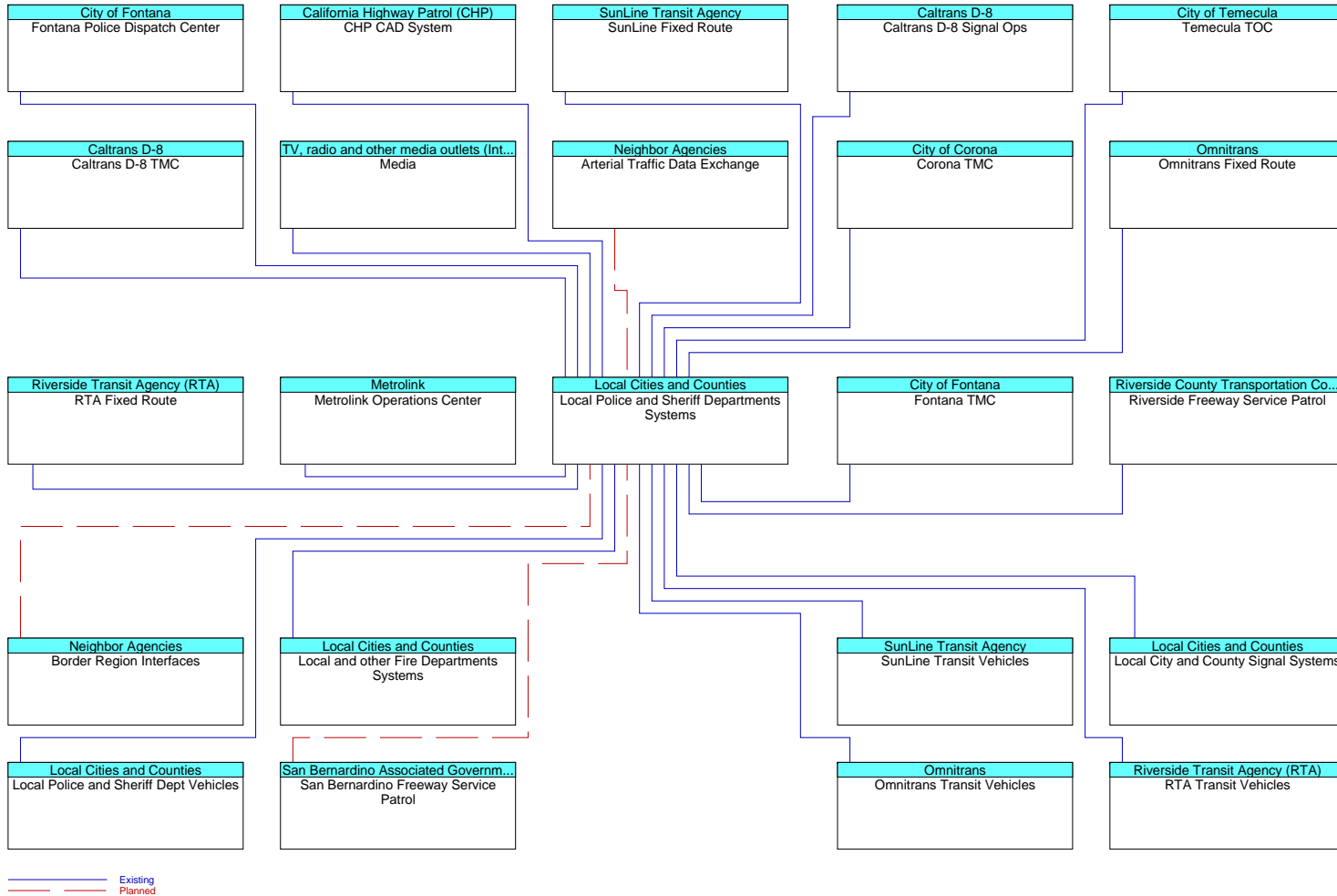


Stakeholder: **Local Cities and Counties**
 Architecture Element: **Local City and County Signal Systems**
 Architecture Flows Diagram



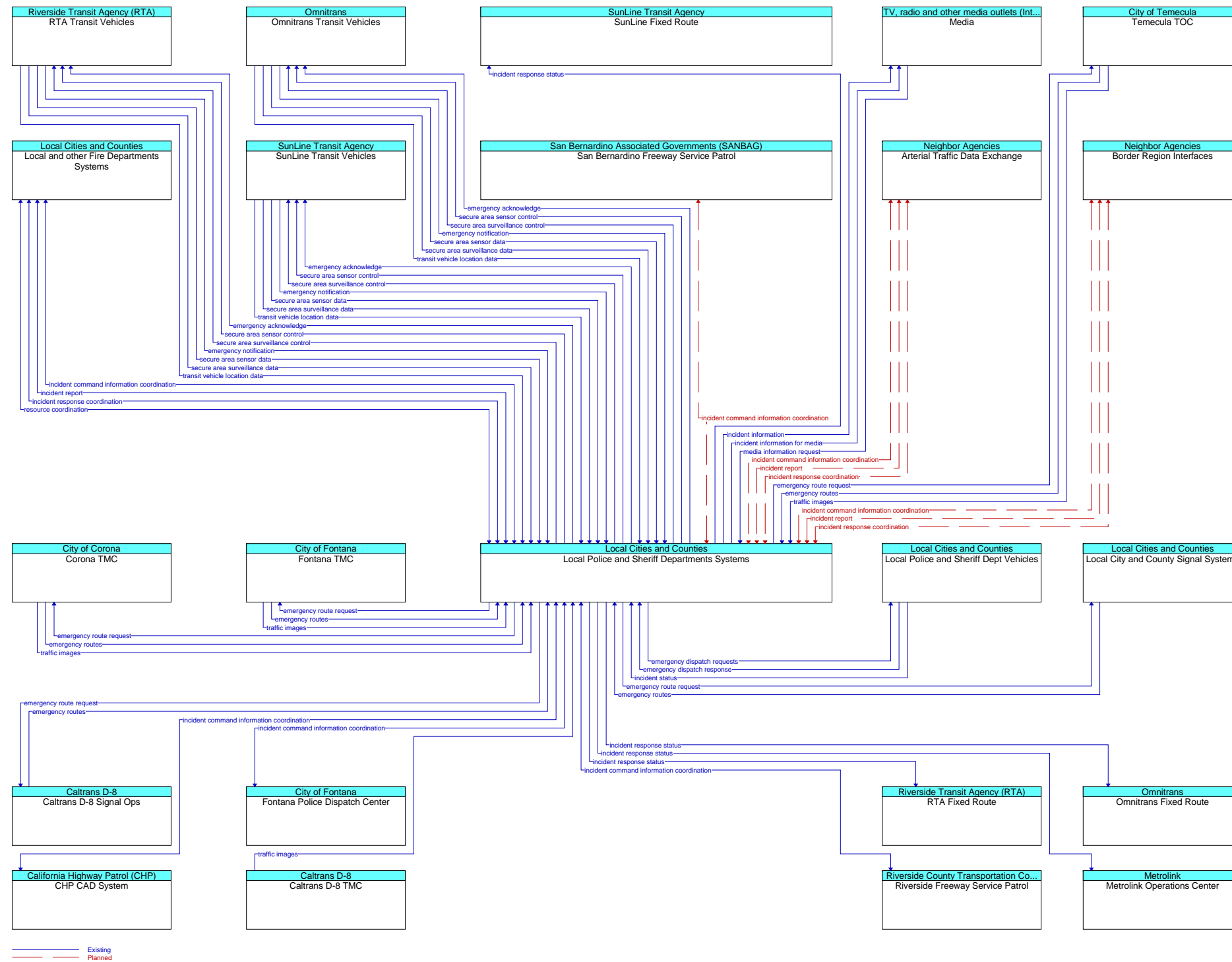


Stakeholder: **Local Cities and Counties**
 Architecture Element: **Local Police and Sheriff Departments Systems**
 Interconnect Diagram





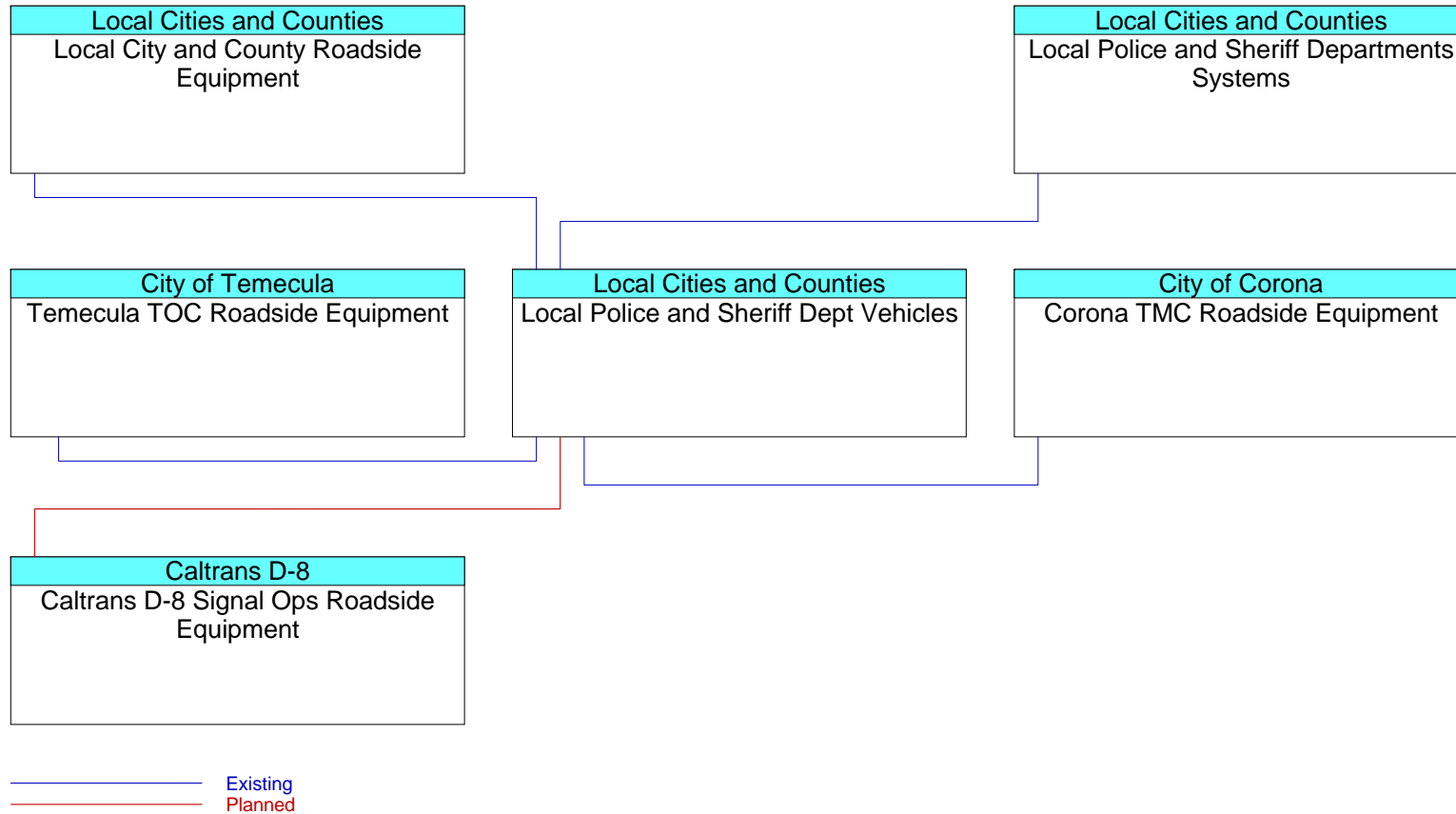
Stakeholder: **Local Cities and Counties**
 Architecture Element: **Local Police and Sheriff Departments Systems**
 Architecture Flows Diagram



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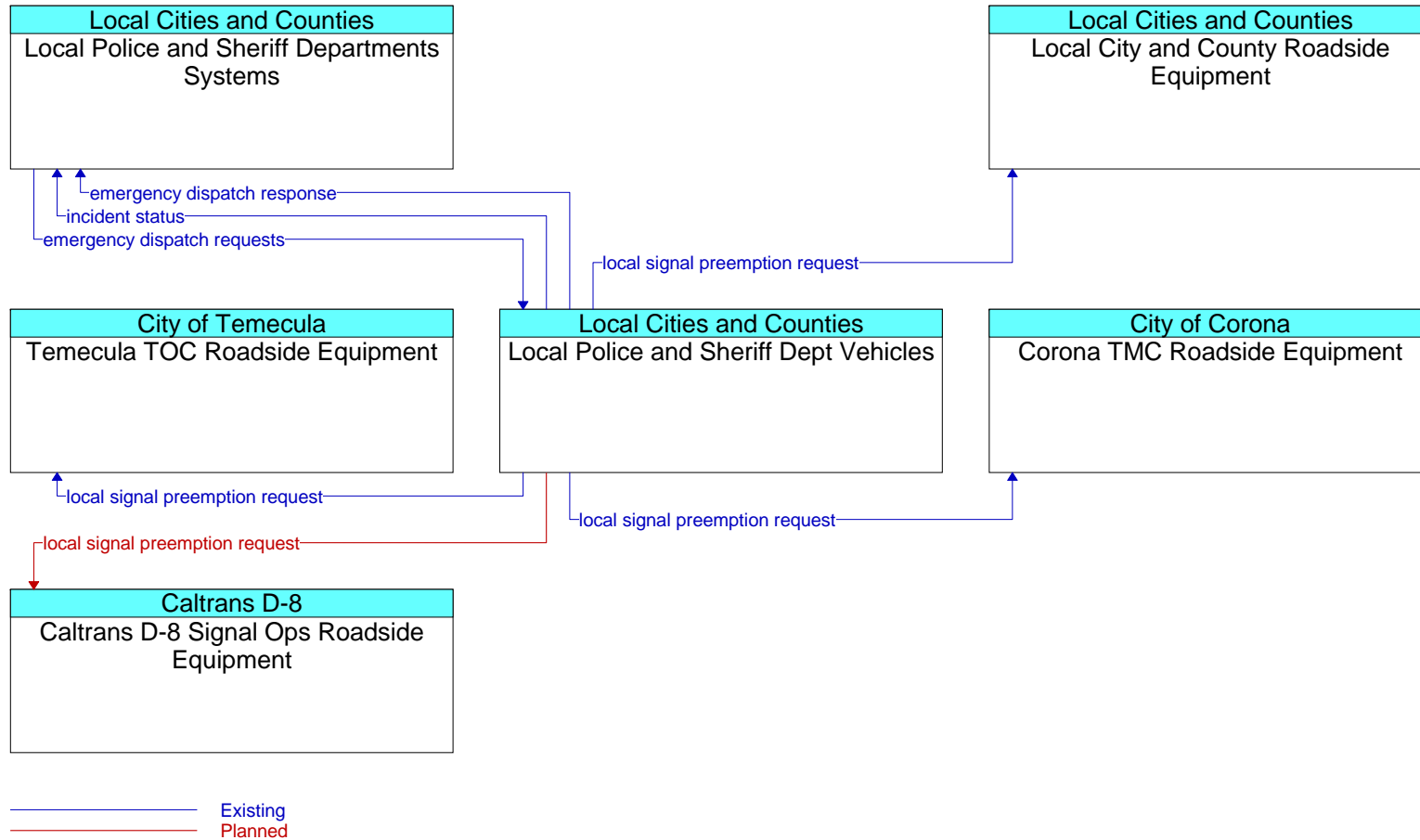


Stakeholder: **Local Cities and Counties**
Architecture Element: **Local Police and Sheriff Departments Vehicles**
Interconnect Diagram



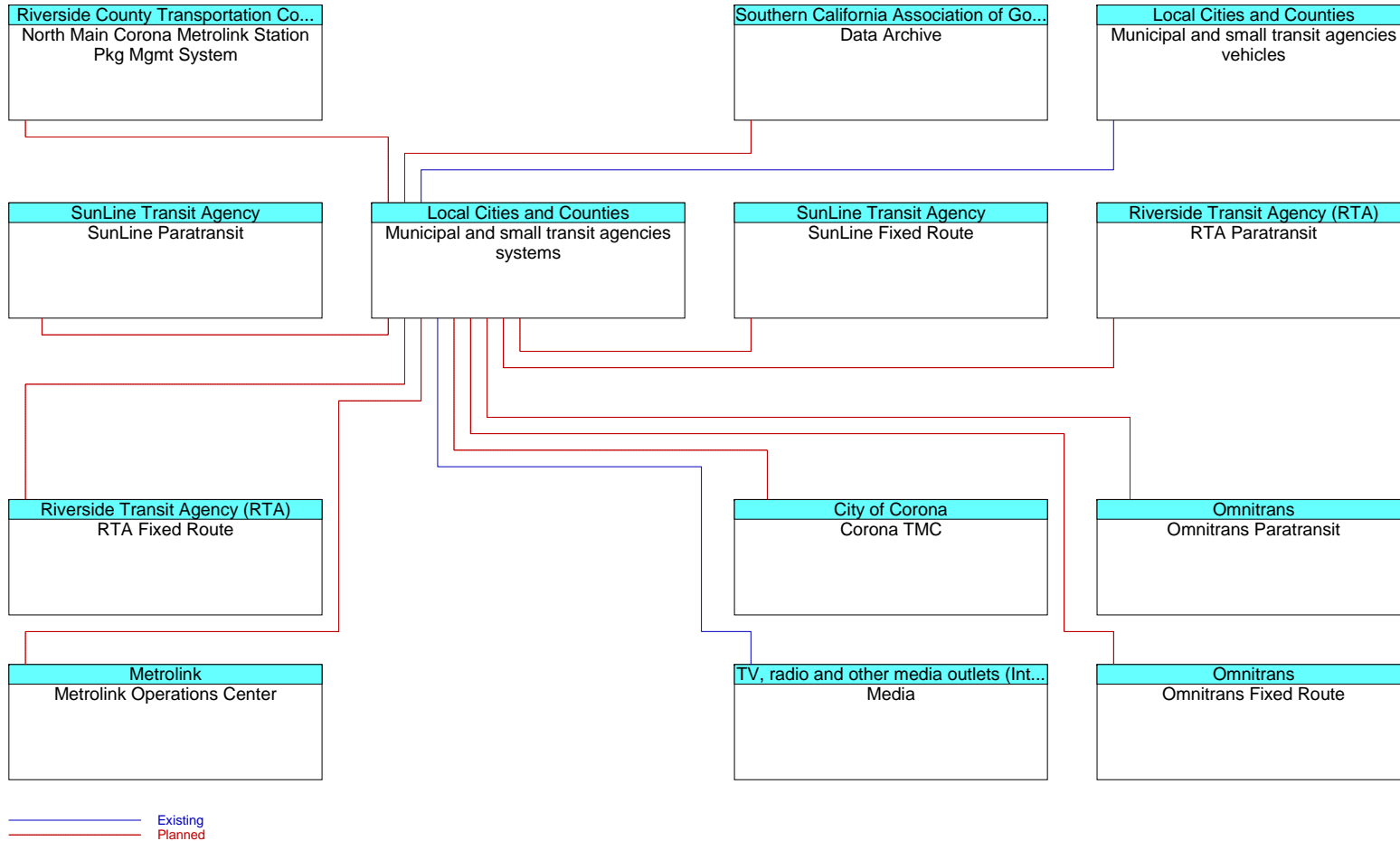


Stakeholder: **Local Cities and Counties**
 Architecture Element: **Local Police and Sheriff Departments Vehicles**
Architecture Flows Diagram





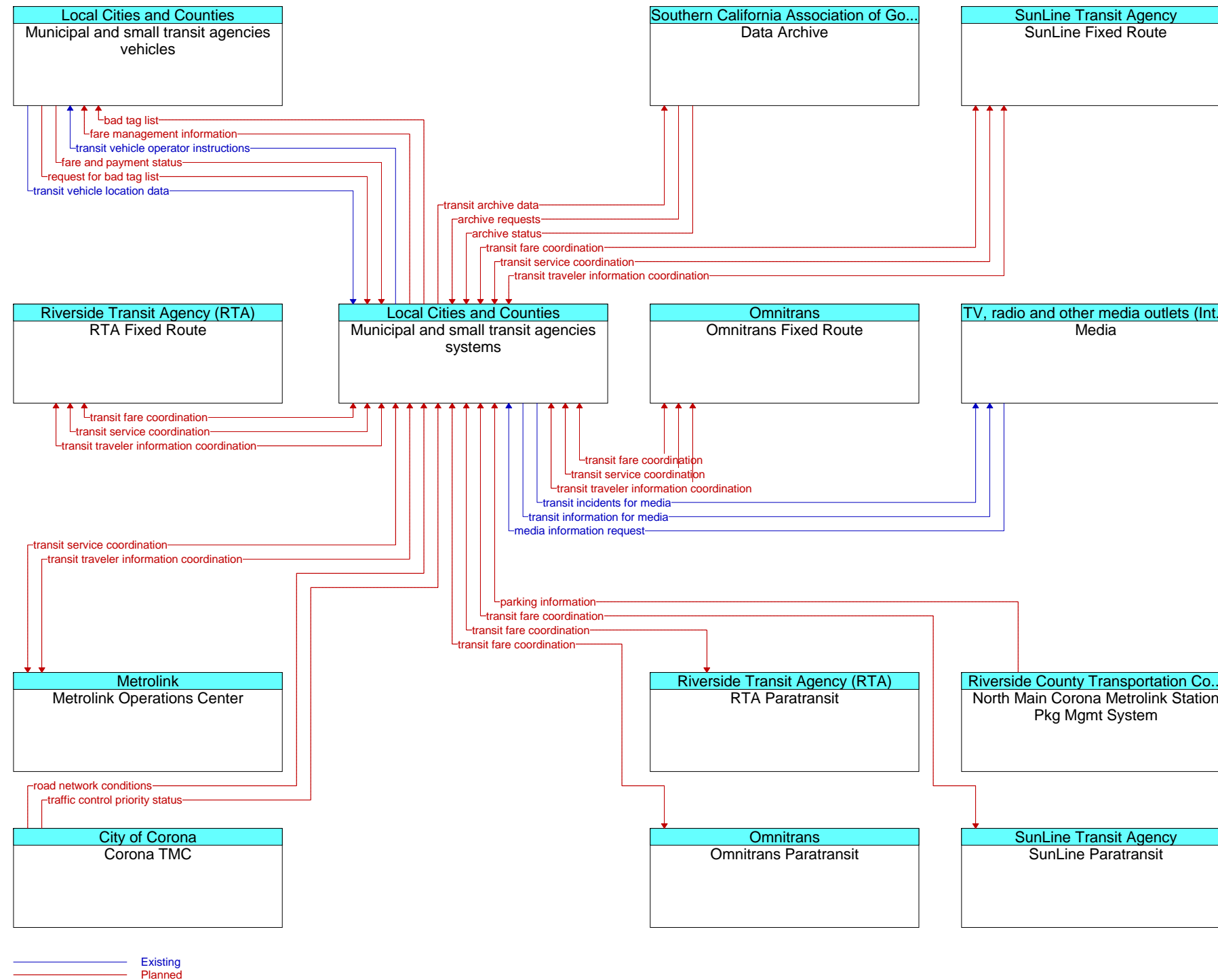
Stakeholder: **Local Cities and Counties**
 Architecture Element: **Municipal and small transit agencies systems**
Interconnect Diagram



• Iteris, Inc. •

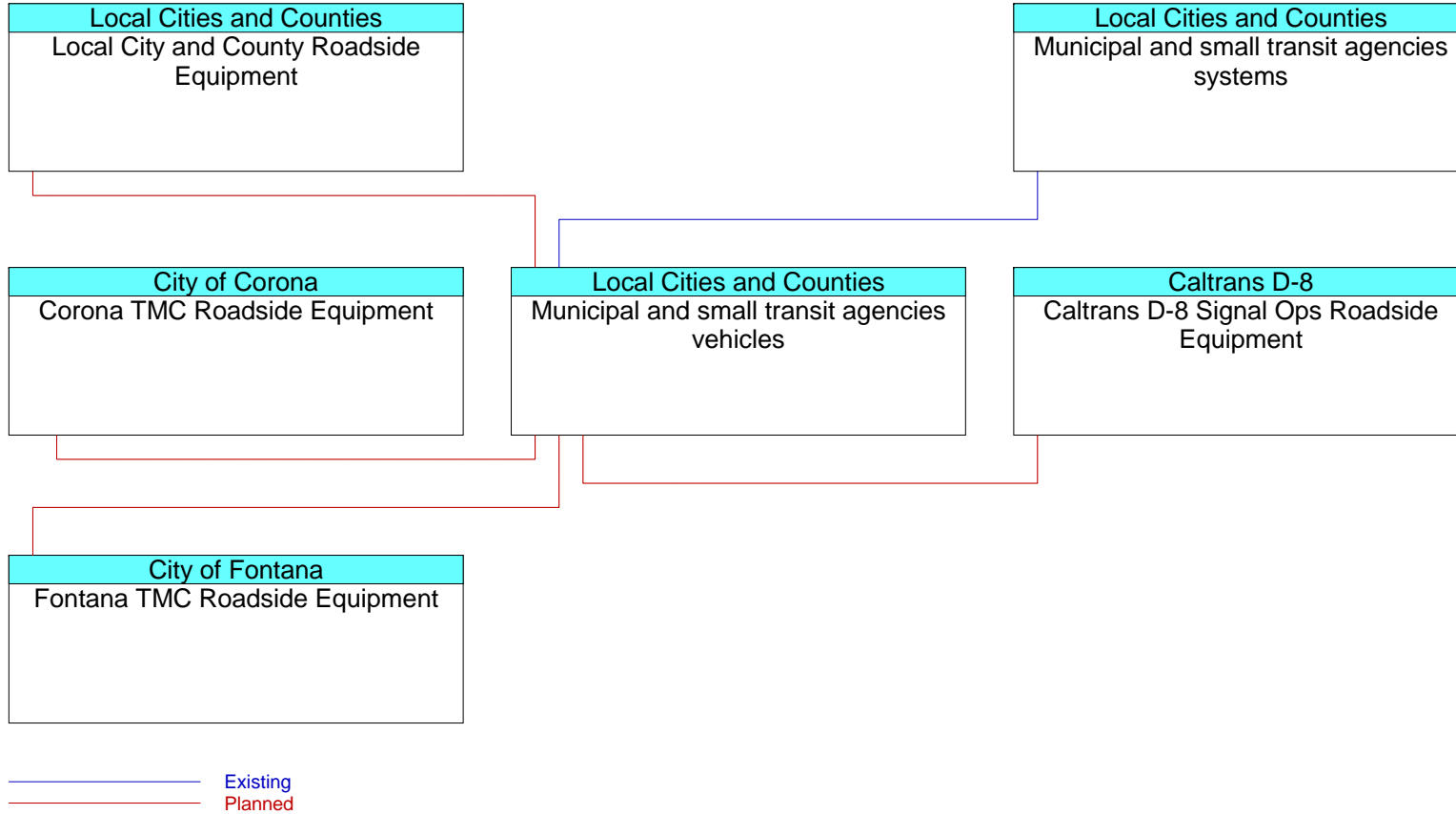


Stakeholder: **Local Cities and Counties**
 Architecture Element: **Municipal and small transit agencies systems**
 Architecture Flows Diagram



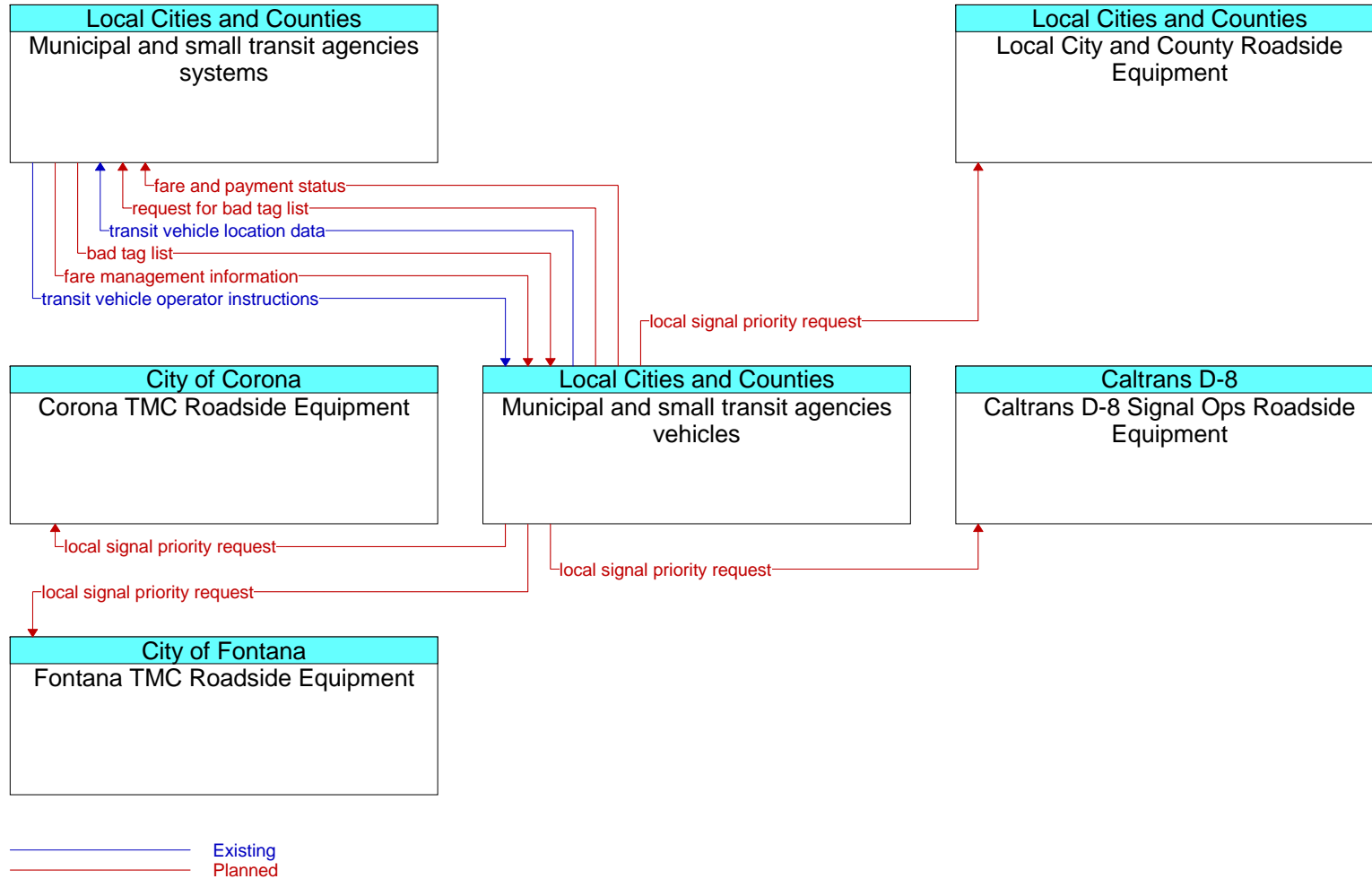


Stakeholder: **Local Cities and Counties**
Architecture Element: **Municipal and small transit agencies vehicles**
Interconnect Diagram



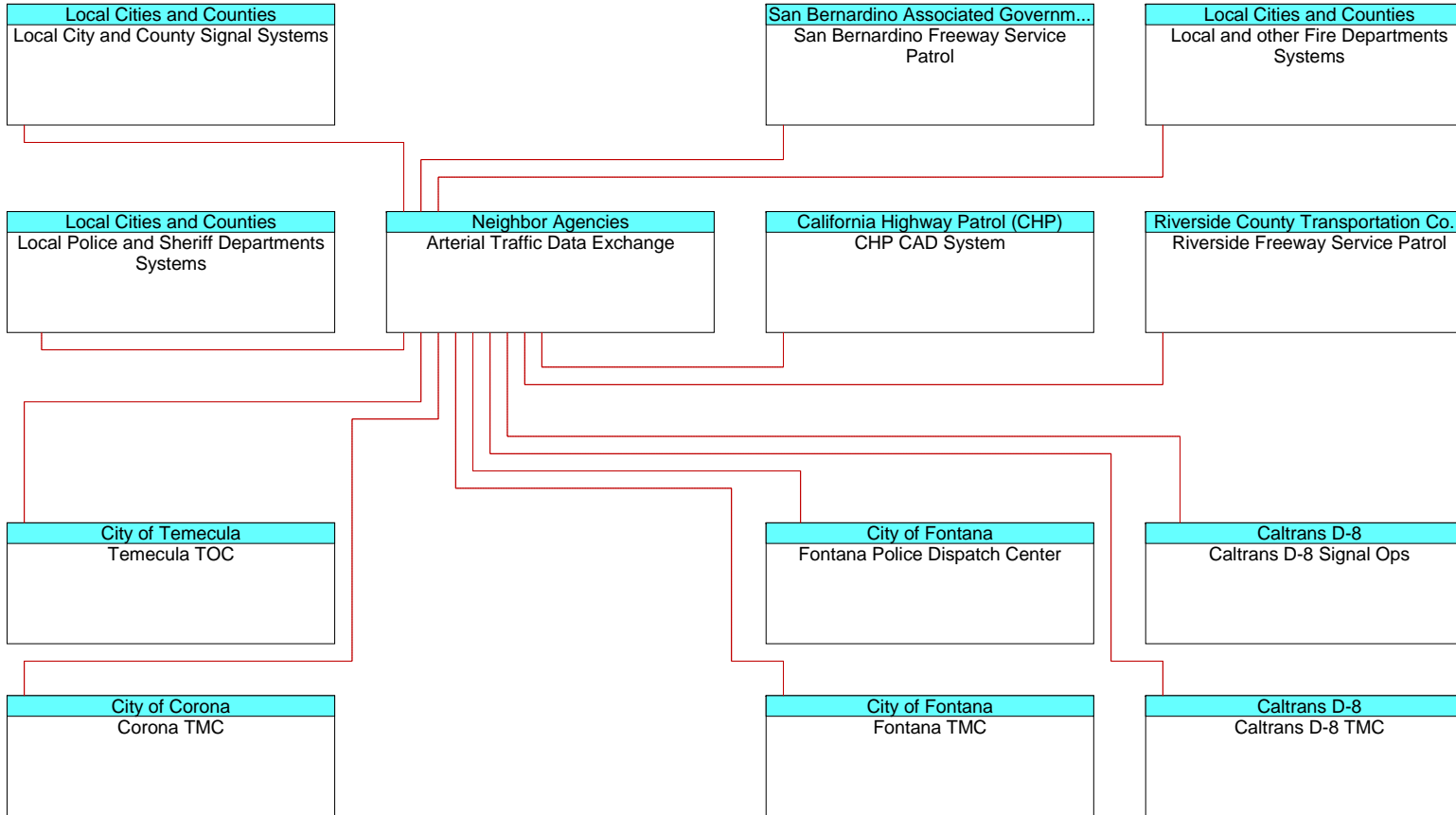


Stakeholder: **Local Cities and Counties**
 Architecture Element: **Municipal and small transit agencies vehicles**
Architecture Flows Diagram





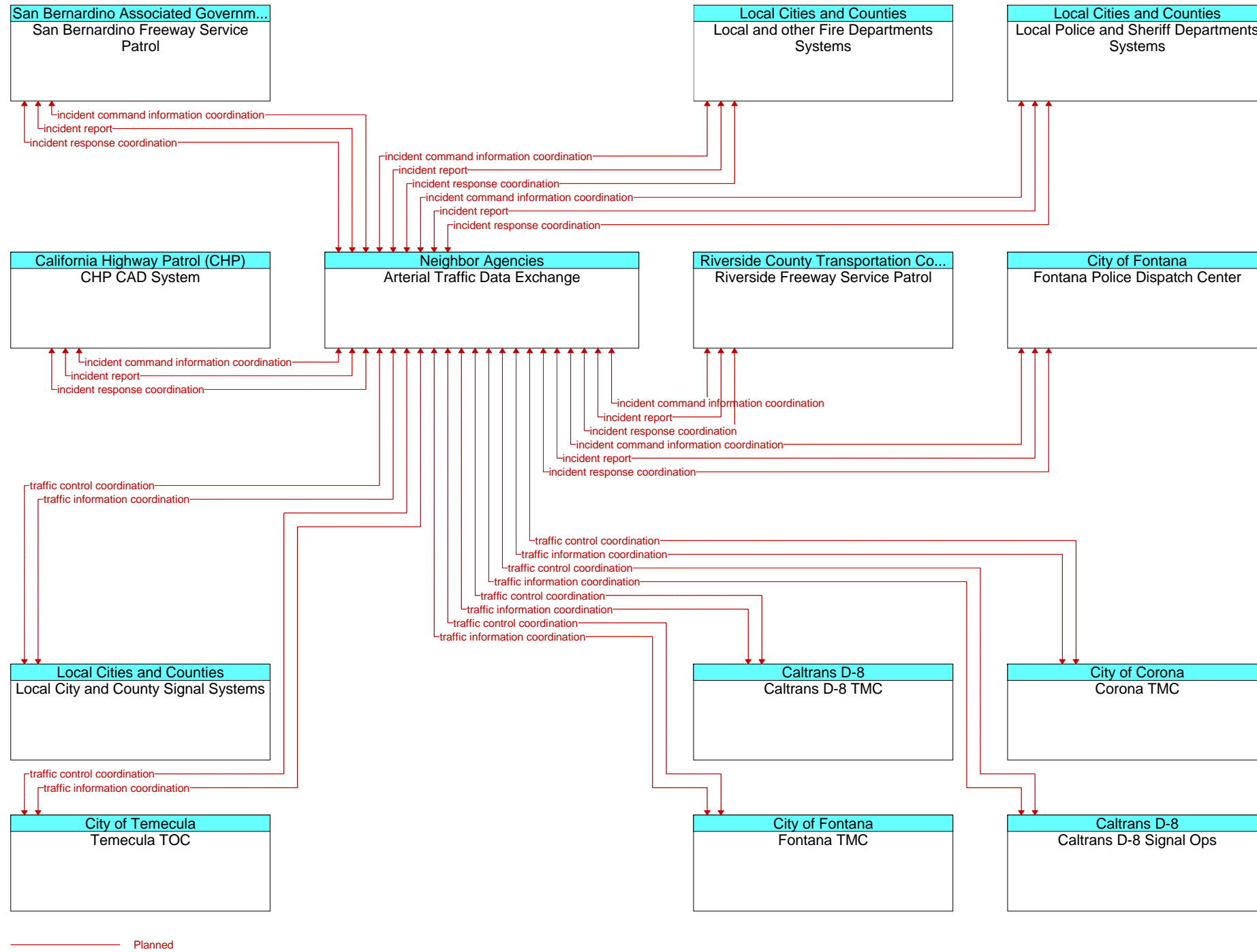
Stakeholder: **Local Juristictions**
 Architecture Element: **Arterial Traffic Data Exchange**
Interconnect Diagram



— Planned

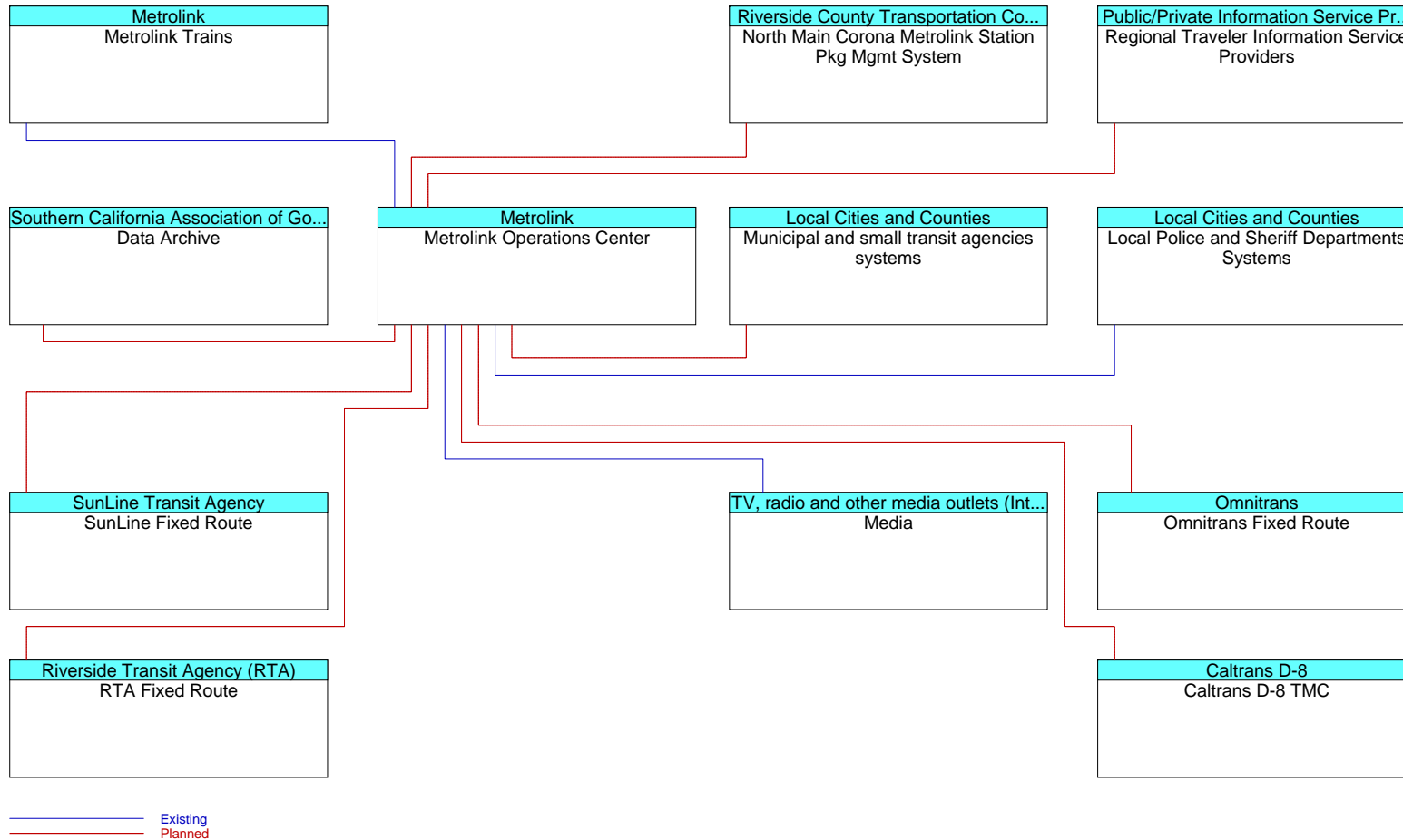


Stakeholder: **Local Juristictions**
 Architecture Element: **Arterial Traffic Data Exchange**
 Architecture Flows Diagram



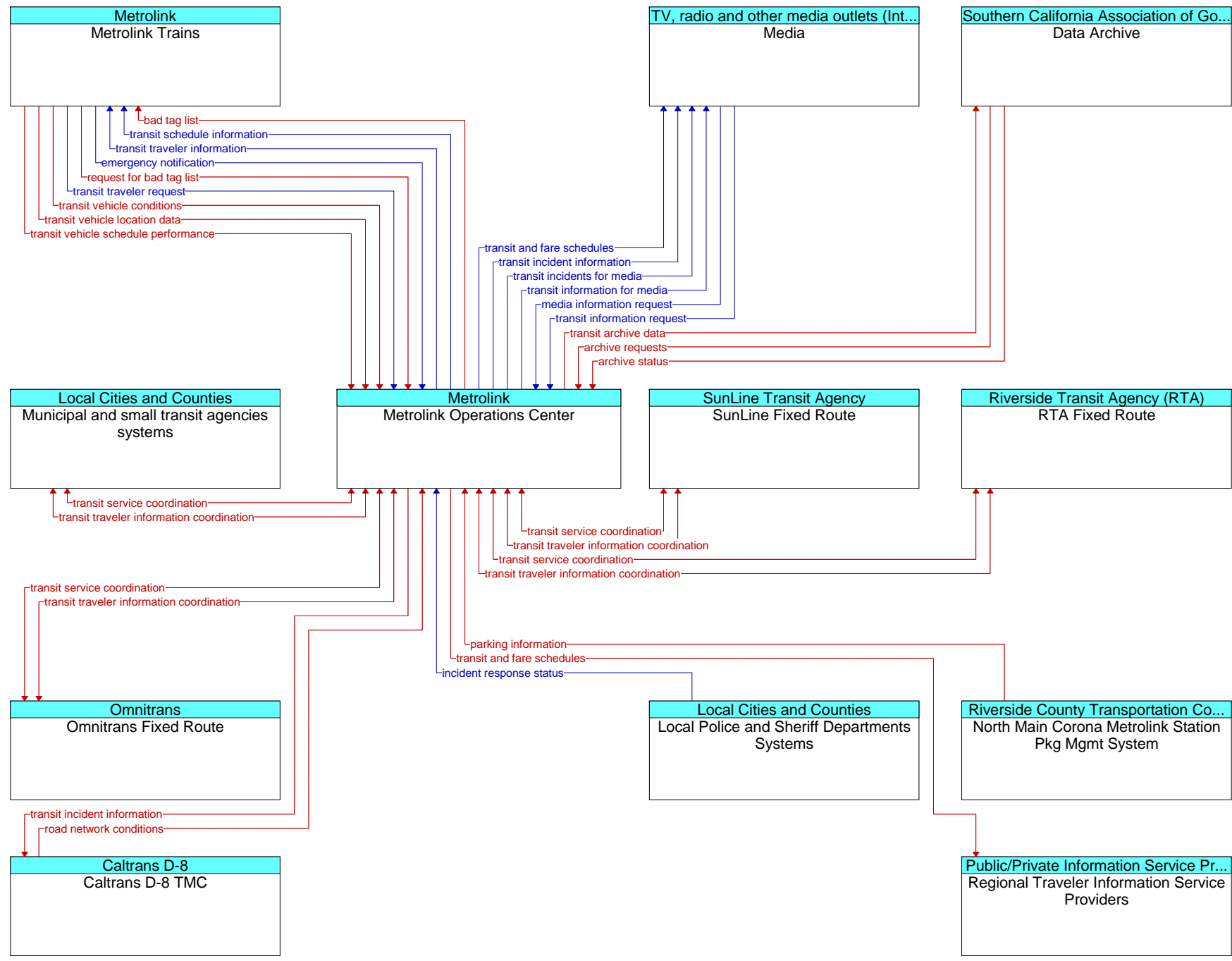


Stakeholder: **Metrolink**
 Architecture Element: **Metrolink Operations Center**
Interconnect Diagram





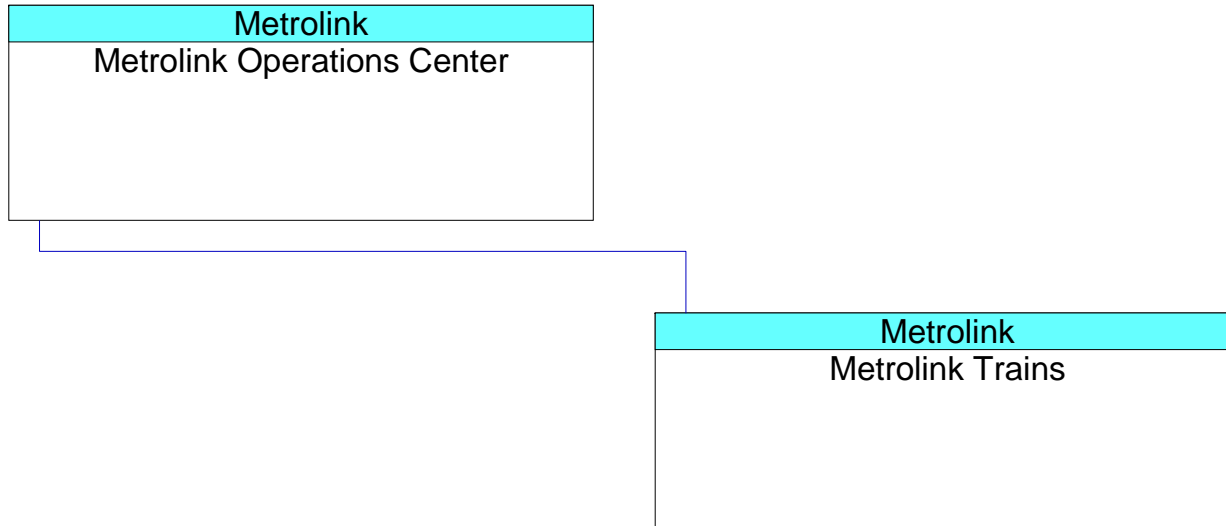
Stakeholder: **Metrolink**
 Architecture Element: **Metrolink Operations Center**
 Architecture Flows Diagram



Existing
Planned



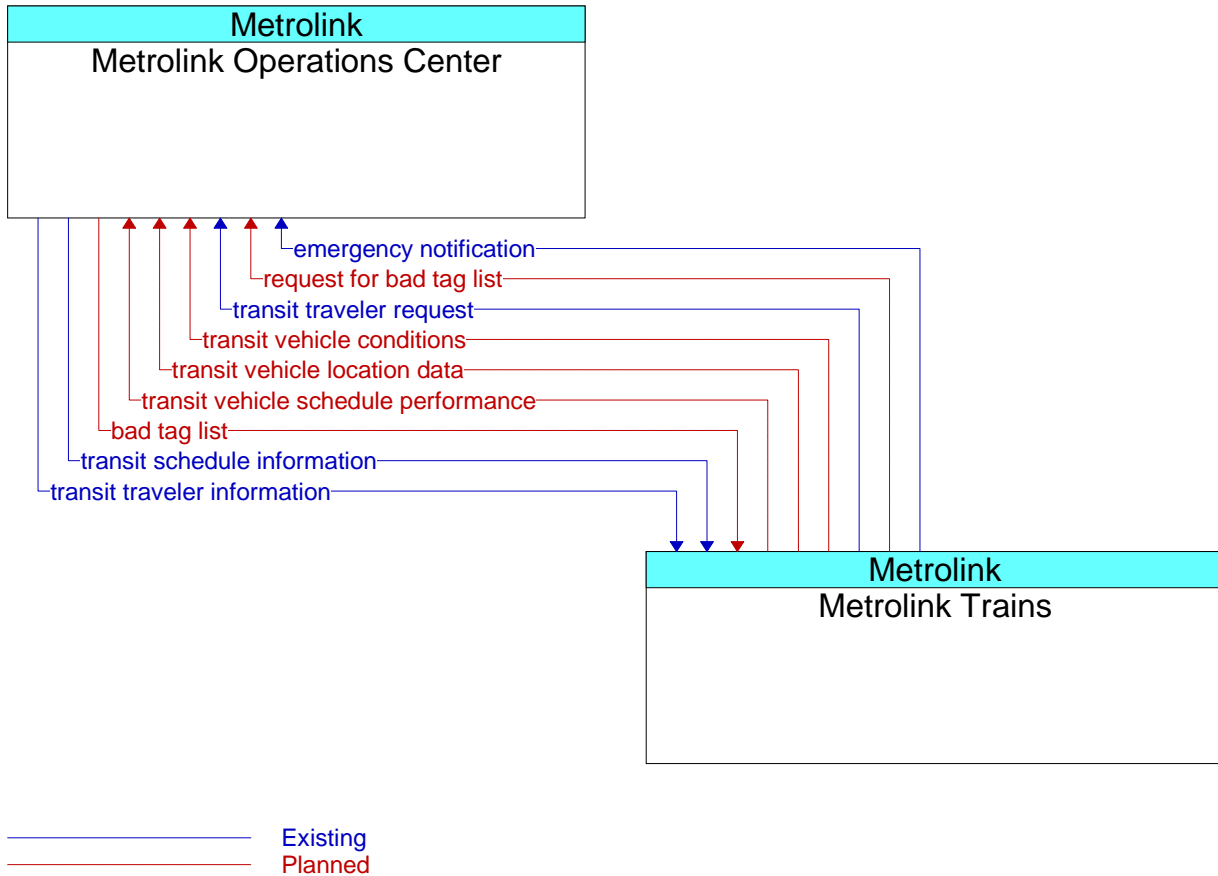
Stakeholder: **Metrolink**
Architecture Element: **Metrolink Trains**
Interconnect Diagram



———— Existing

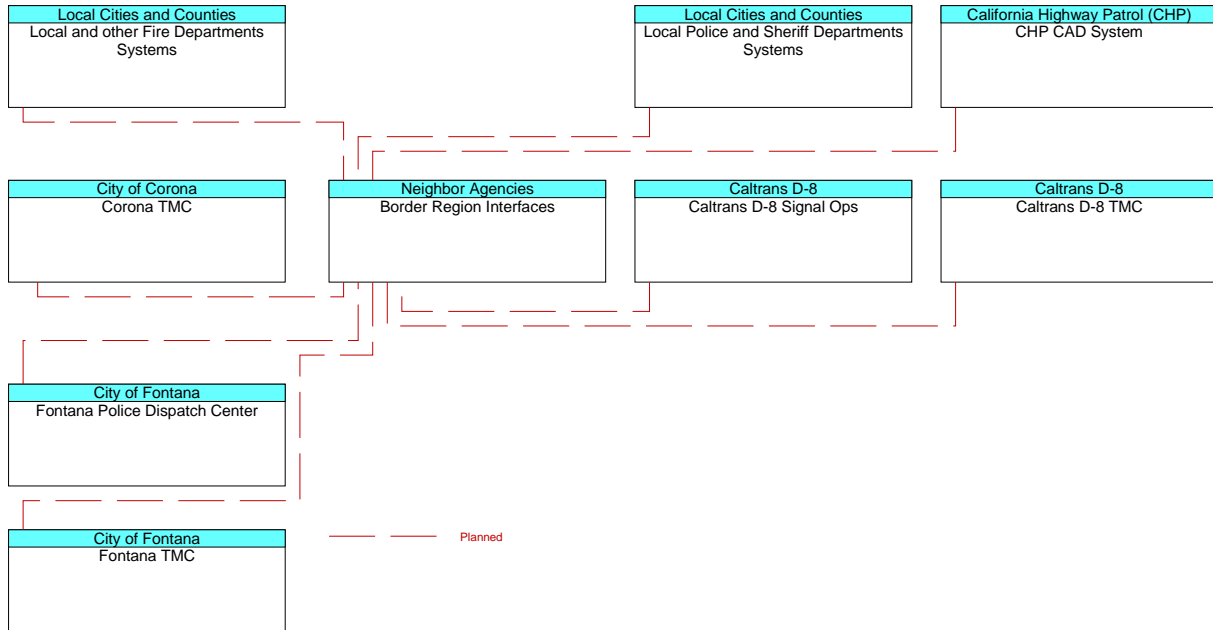


Stakeholder: **Metrolink**
Architecture Element: **Metrolink Trains**
Architecture Flows Diagram



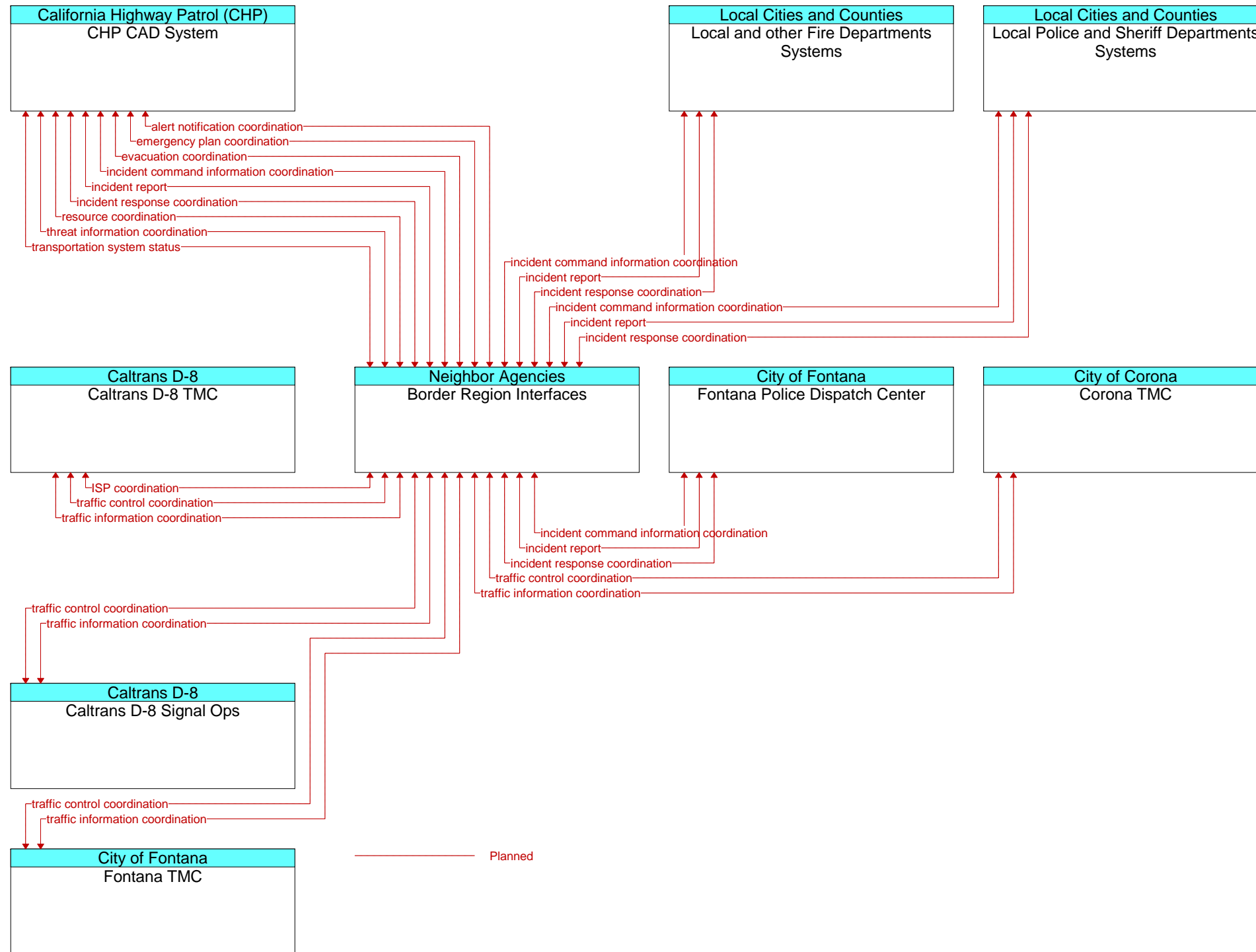


Stakeholder: **Neighbor Agencies**
 Architecture Element: **Border Region Interfaces**
Interconnect Diagram



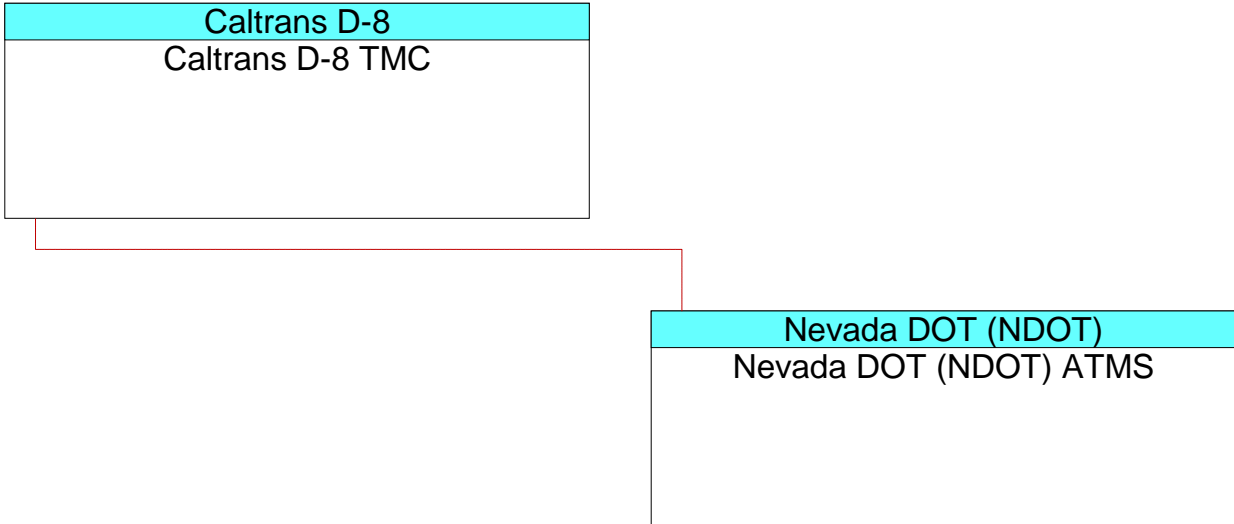


Stakeholder: **Neighbor Agencies**
 Architecture Element: **Border Region Interfaces**
 Architecture Flows Diagram





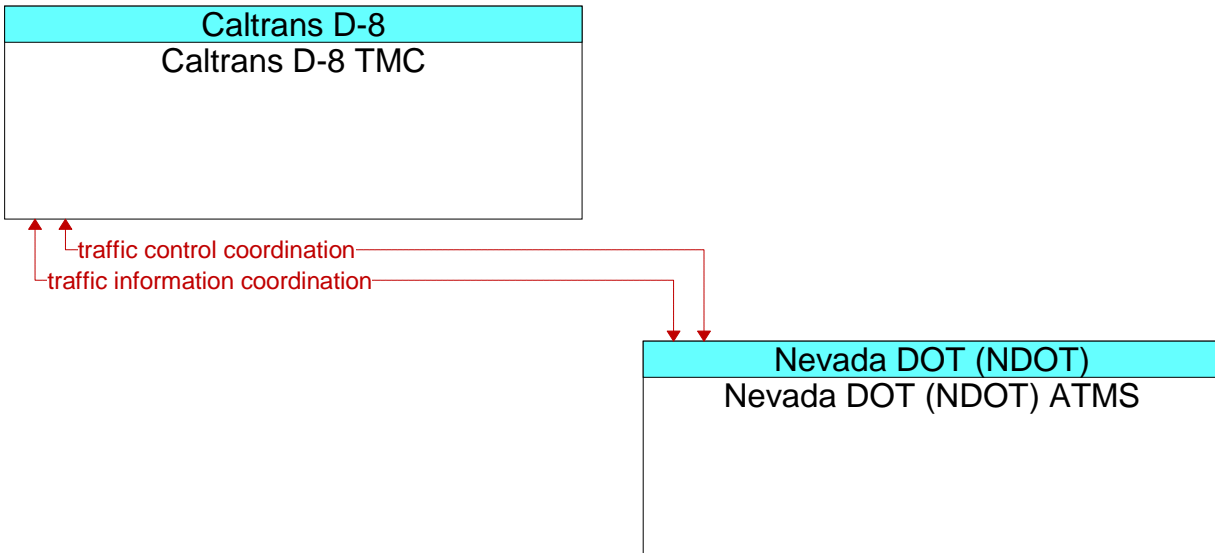
Stakeholder: **Nevada DOT (NDOT)**
Architecture Element: **Nevada DOT (NDOT) ATMS**
Interconnect Diagram



————— Planned



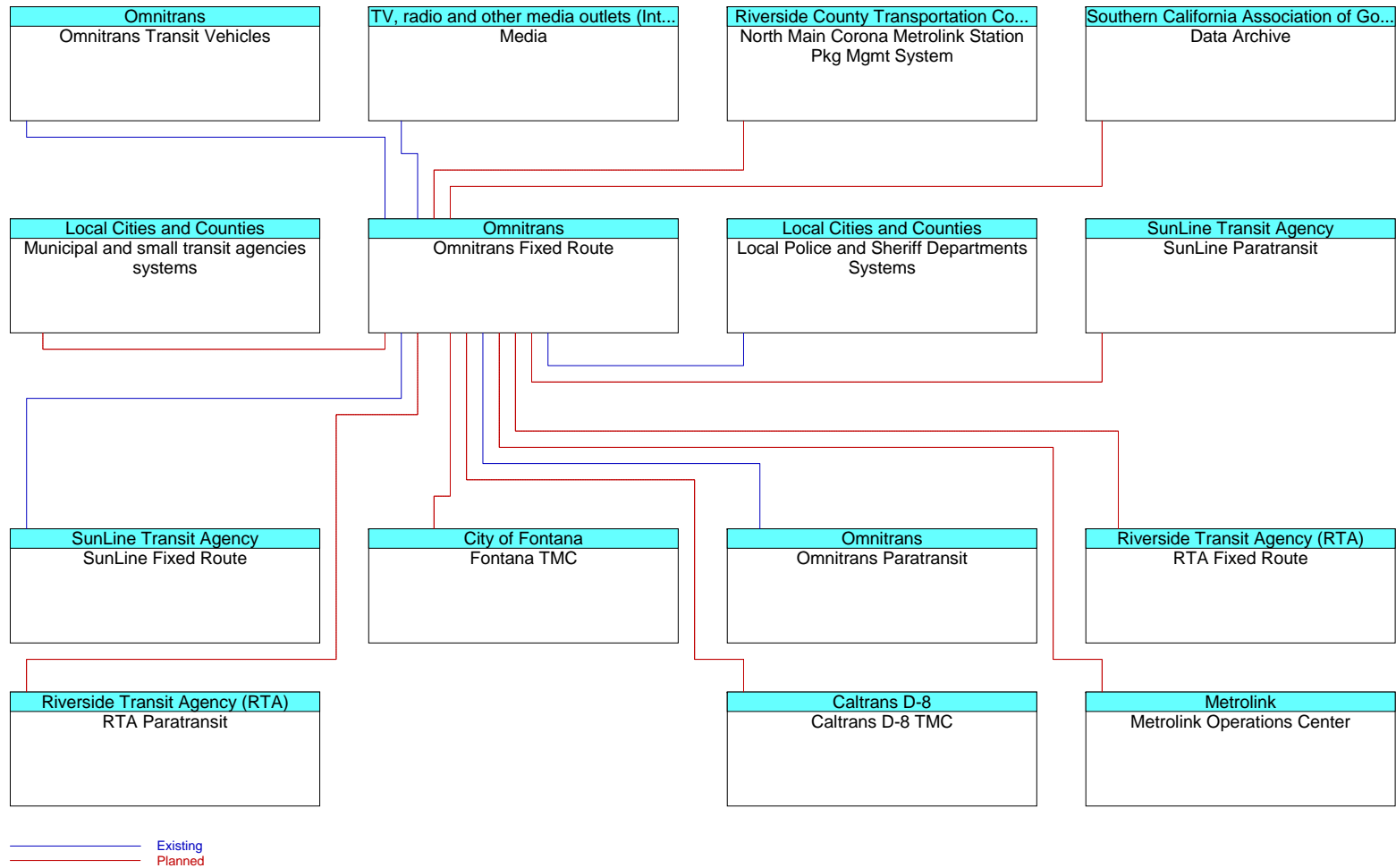
Stakeholder: **Nevada DOT (NDOT)**
Architecture Element: **Nevada DOT (NDOT) ATMS**
Architecture Flows Diagram



————— Planned

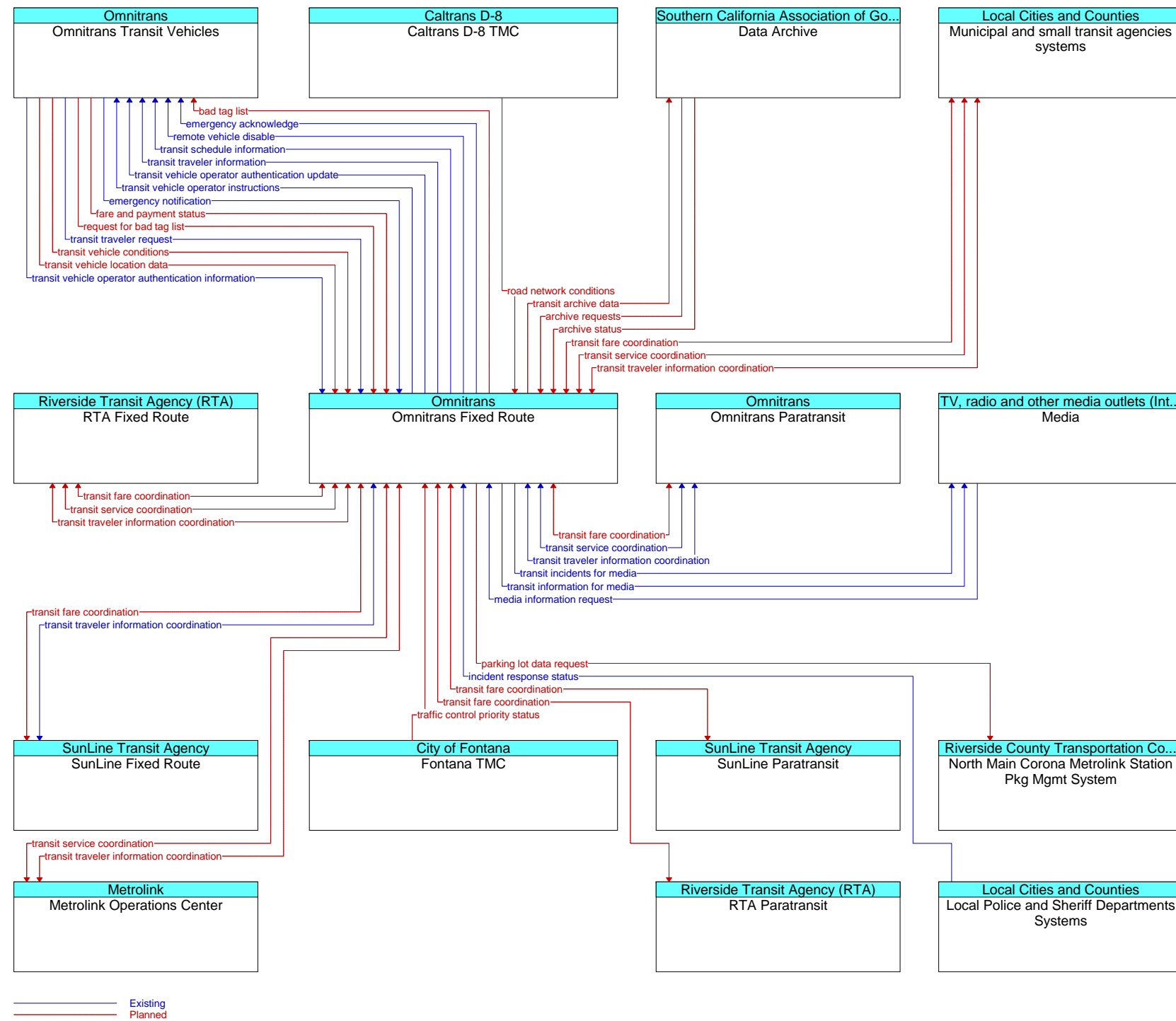


Stakeholder: **Omnitrans**
 Architecture Element: **Omnitrans Fixed Route**
Interconnect Diagram



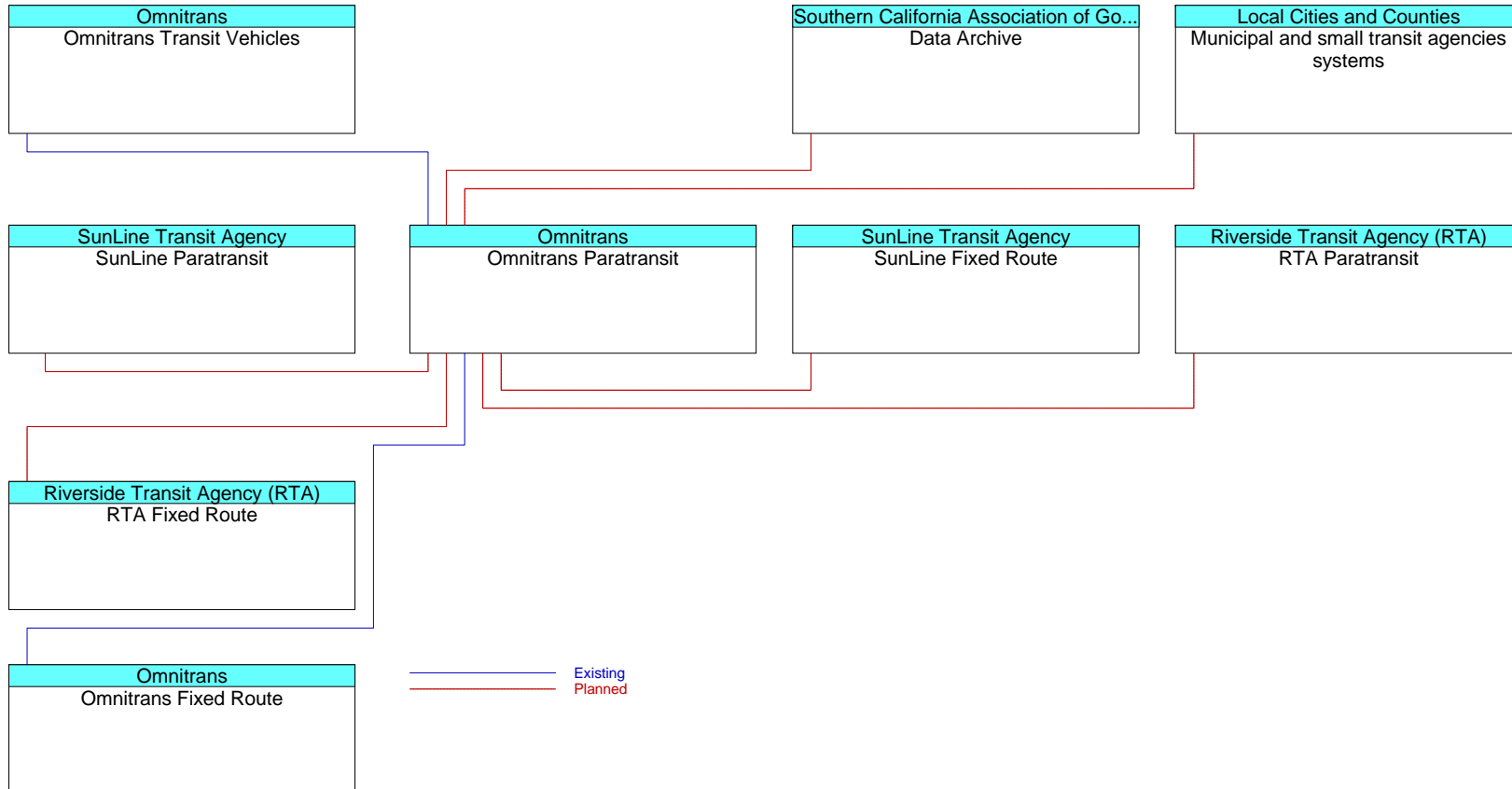


Stakeholder: **Omnitrans**
 Architecture Element: **Omnitrans Fixed Route**
 Architecture Flows Diagram



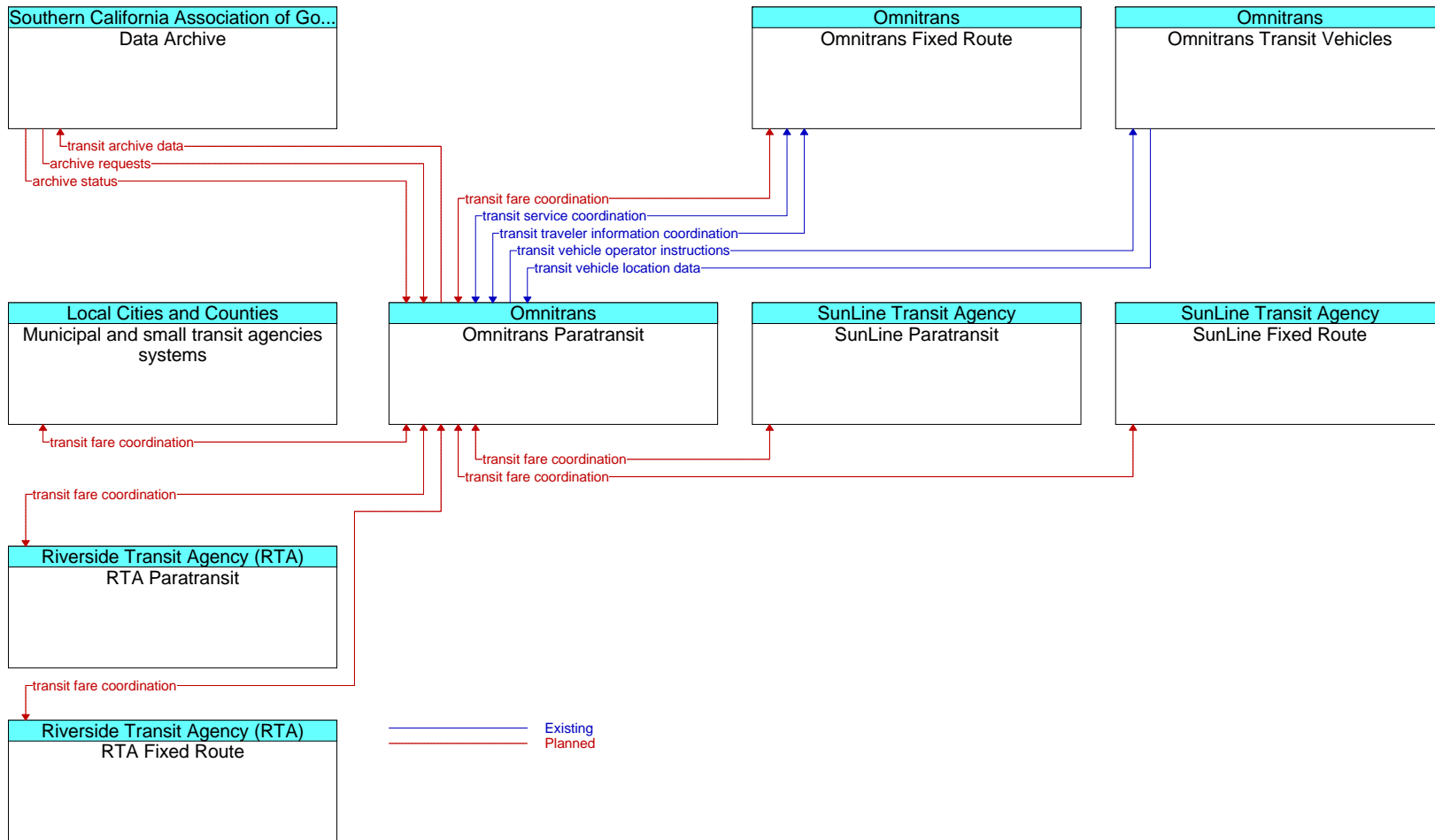


Stakeholder: **Omnitrans**
 Architecture Element: **Omnitrans Paratransit**
Interconnect Diagram



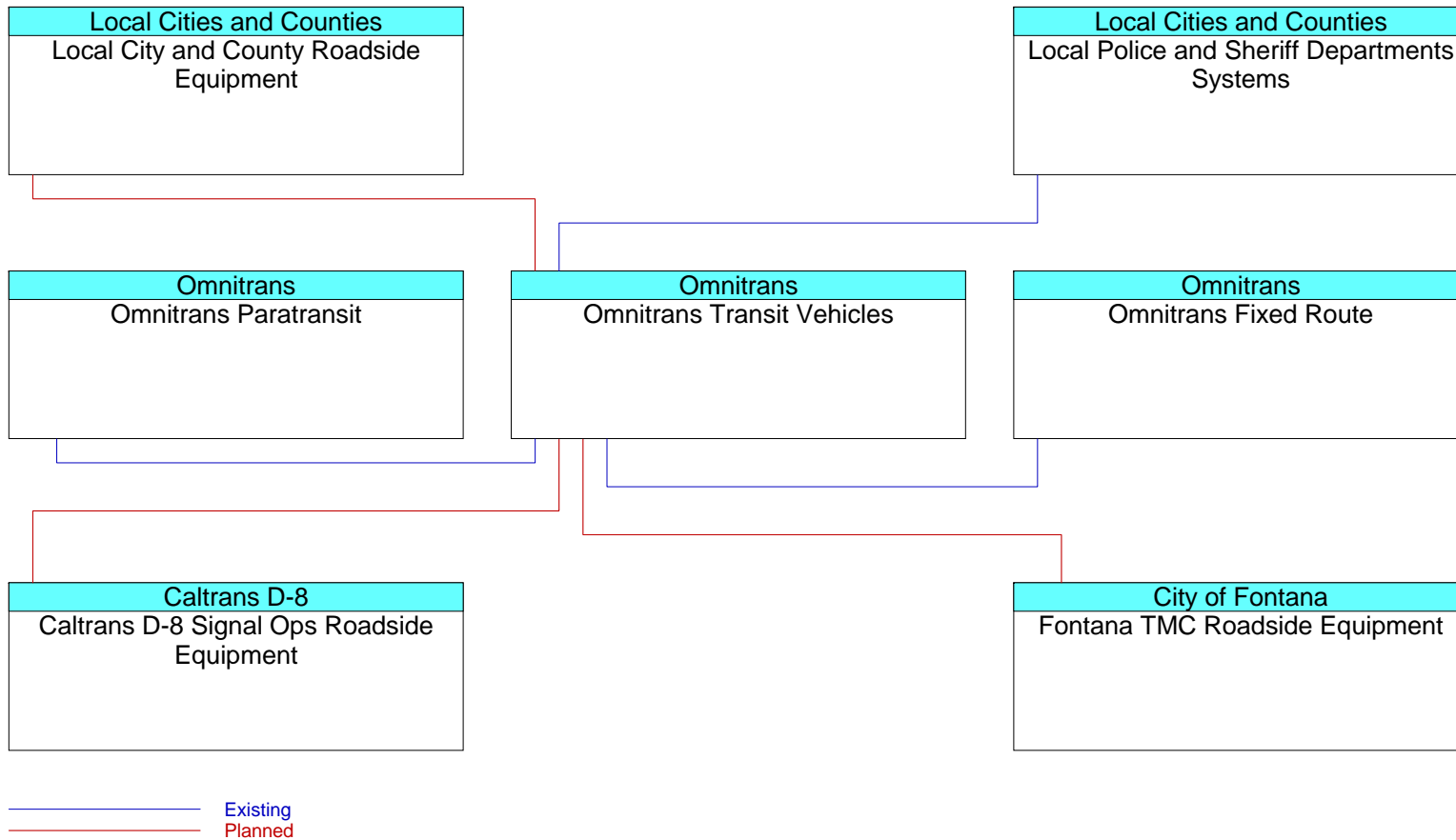


Stakeholder: **Omnitrans**
 Architecture Element: **Omnitrans Paratransit**
 Architecture Flows Diagram



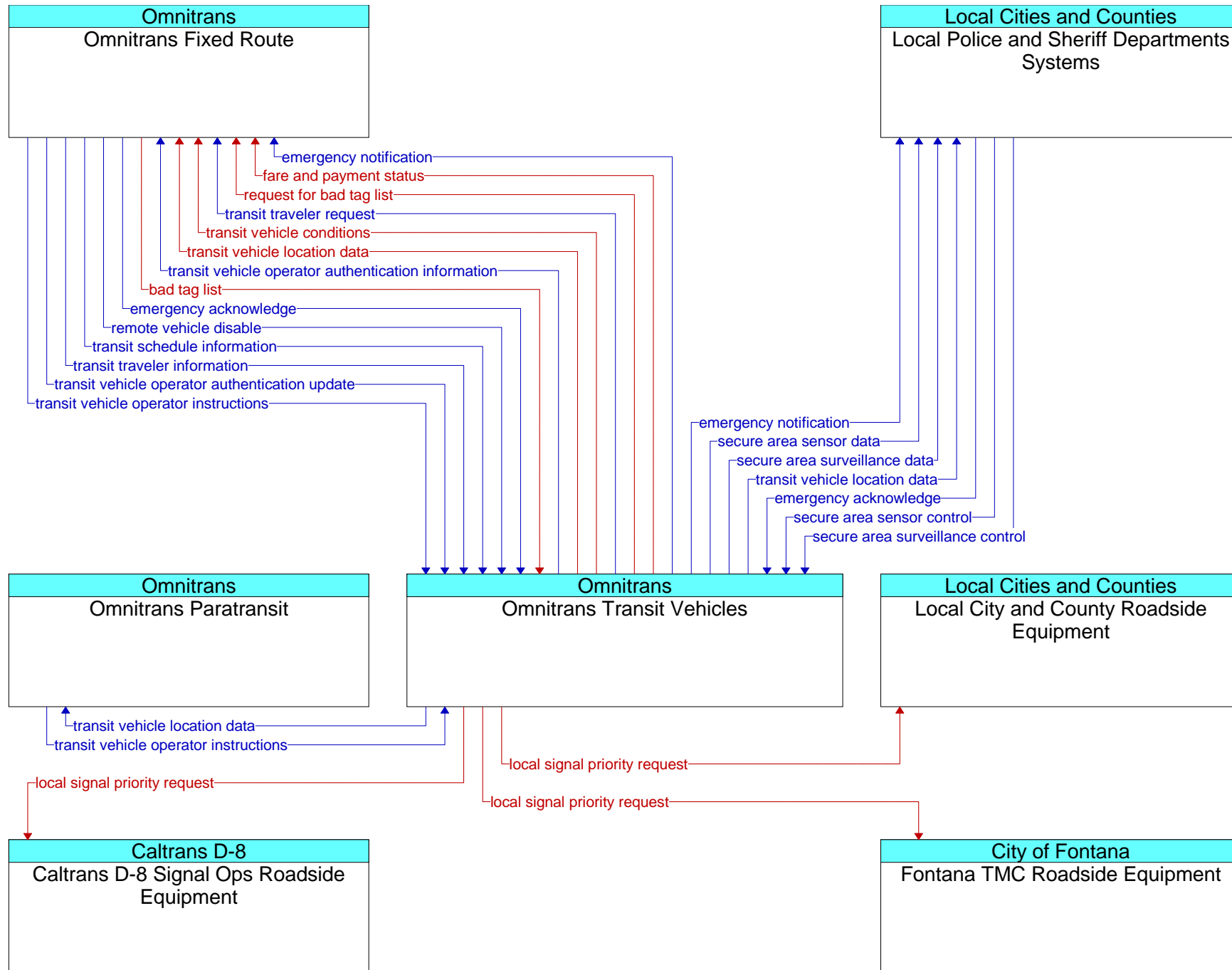


Stakeholder: **Omnitrans**
 Architecture Element: **Omnitrans Transit Vehicles**
Interconnect Diagram





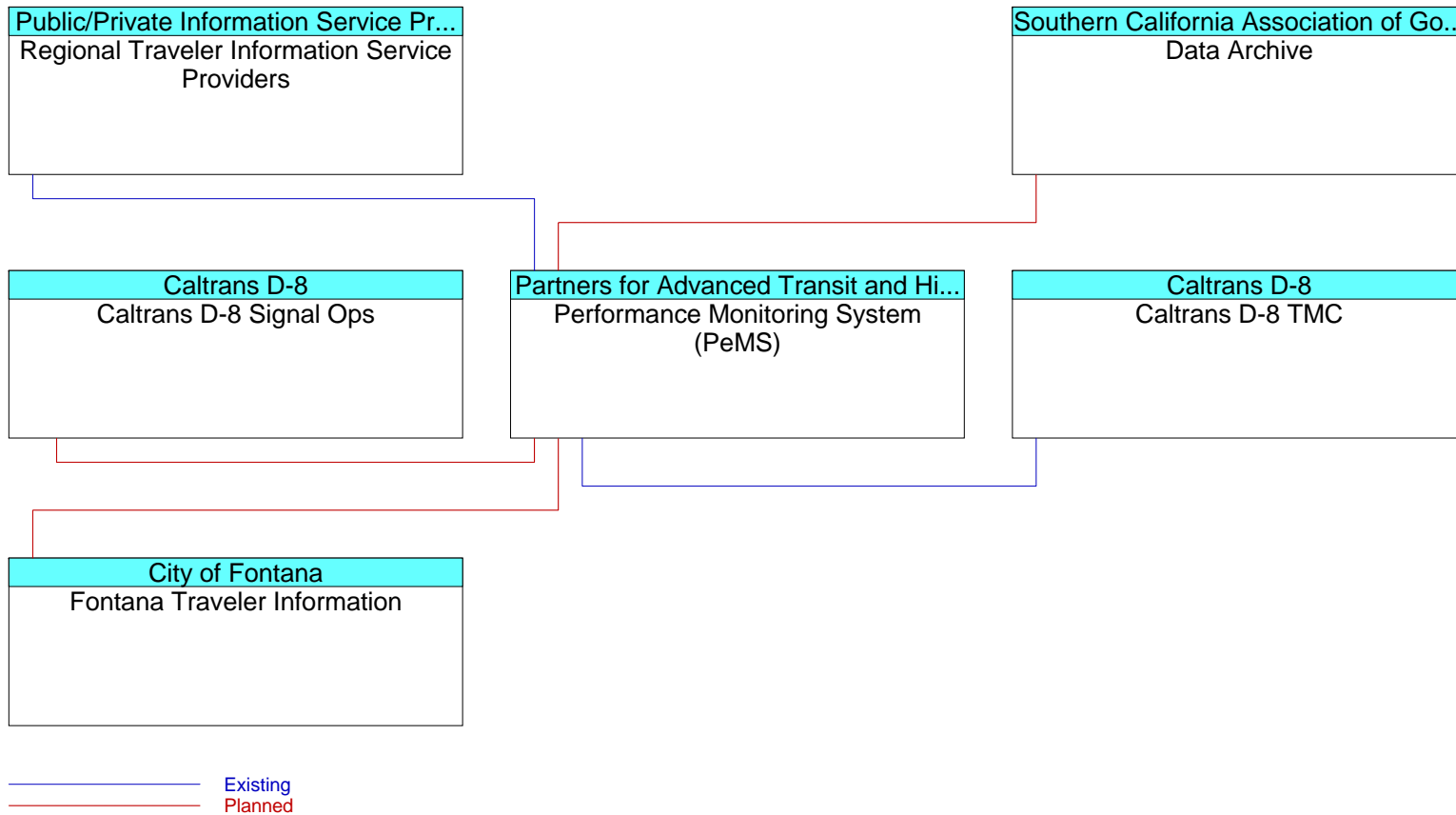
Stakeholder: **Omnitrans**
 Architecture Element: **Omnitrans Transit Vehicles**
 Architecture Flows Diagram



Existing
Planned

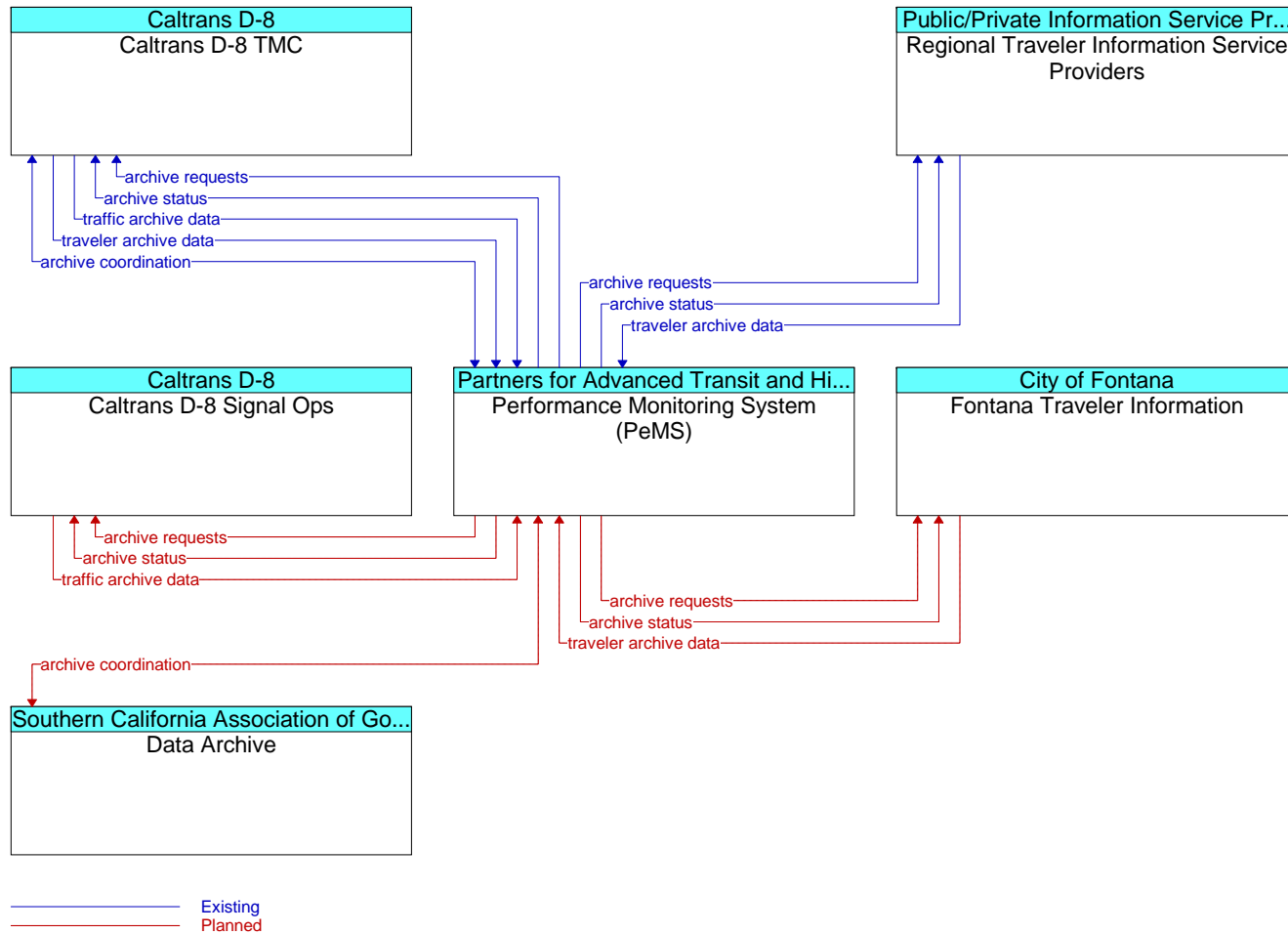


Stakeholder: **Partners for Advanced Transit and Highways (PATH)**
Architecture Element: **Performance Monitoring System (PeMS)**
Interconnect Diagram



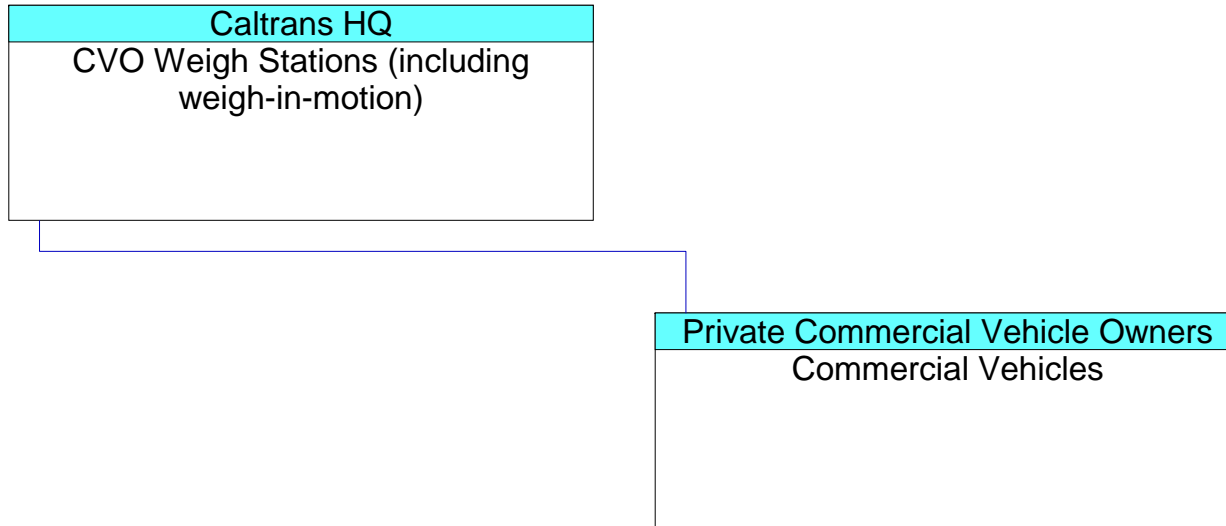


Stakeholder: **Partners for Advanced Transit and Highways (PATH)**
 Architecture Element: **Performance Monitoring System (PeMS)**
Architecture Flows Diagram





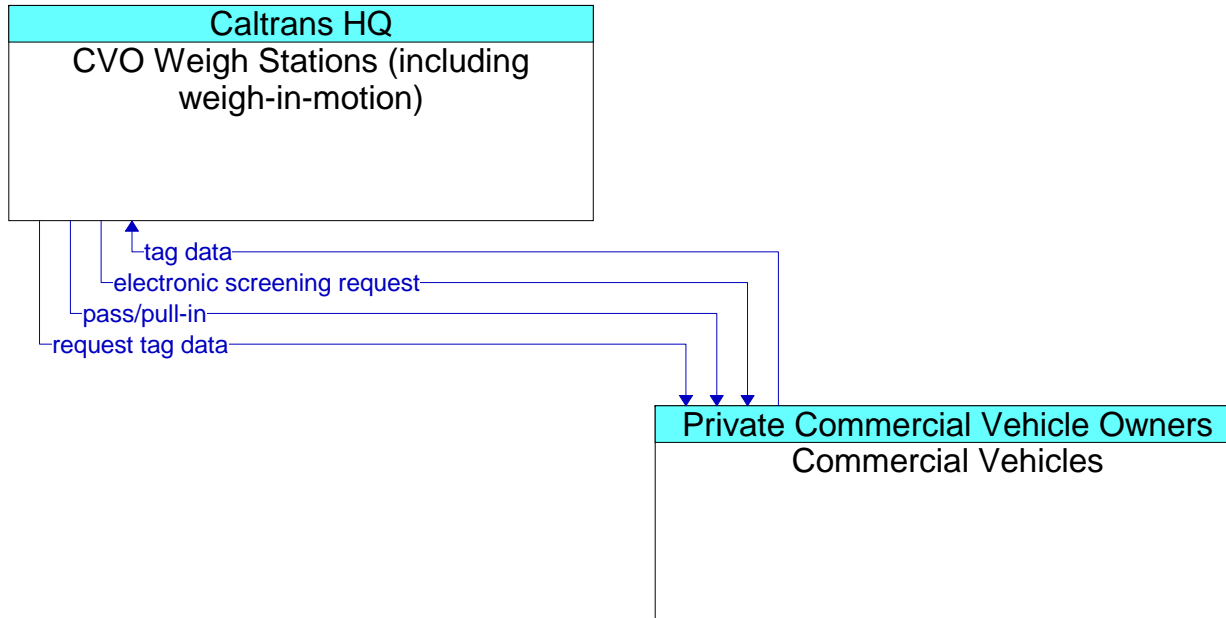
Stakeholder: **Private Commercial Vehicle Owners**
Architecture Element: **Commercial Vehicles**
Interconnect Diagram



———— Existing



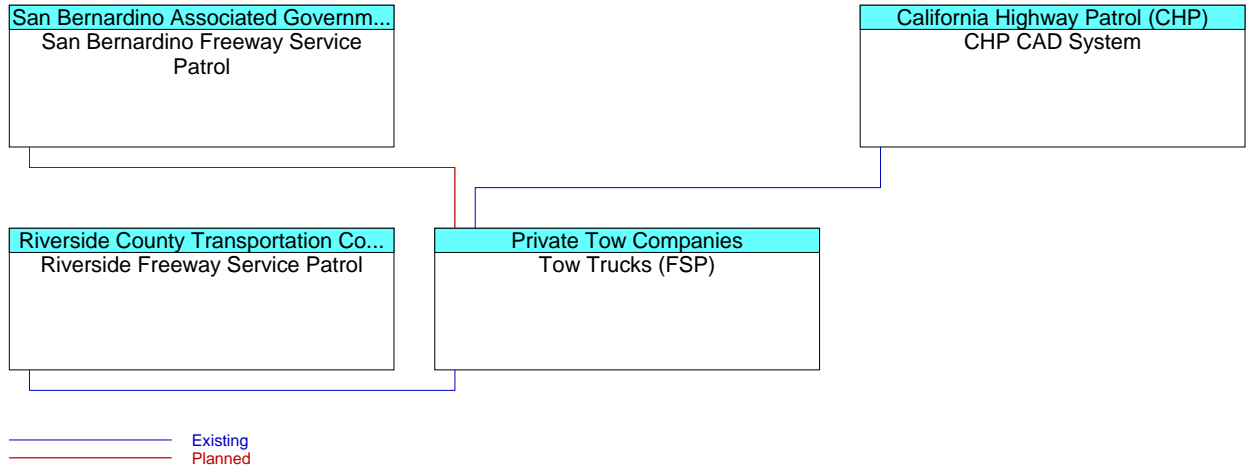
Stakeholder: **Private Commercial Vehicle Owners**
Architecture Element: **Commercial Vehicles**
Architecture Flows Diagram



Existing

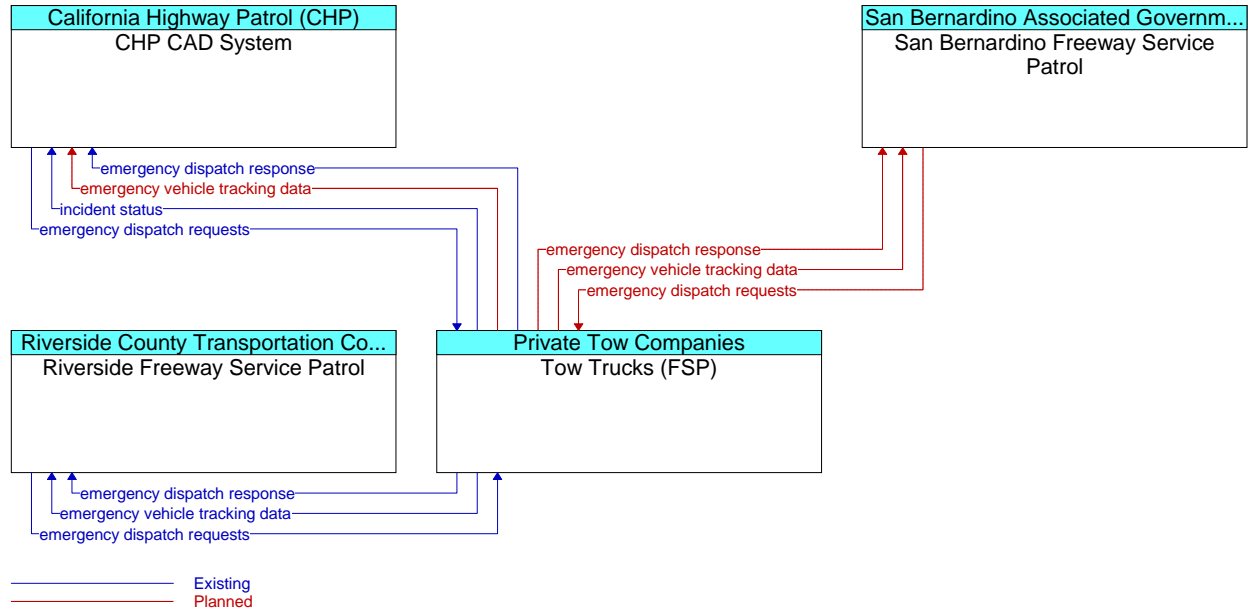


Stakeholder: **Private Tow Companies**
Architecture Element: **Tow Trucks (FSP)**
Interconnect Diagram



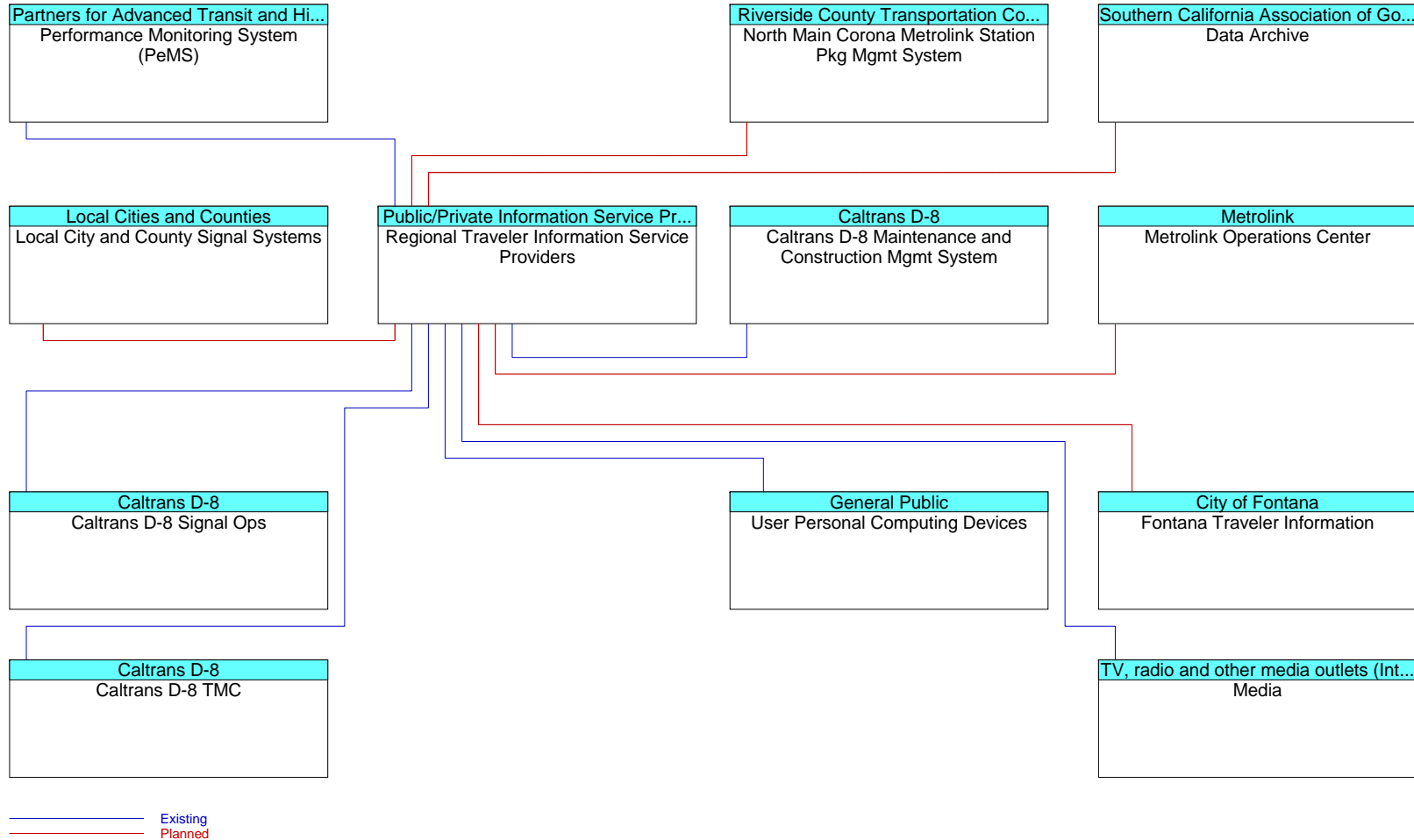


Stakeholder: **Private Tow Companies**
 Architecture Element: **Tow Trucks (FSP)**
 Architecture Flows Diagram



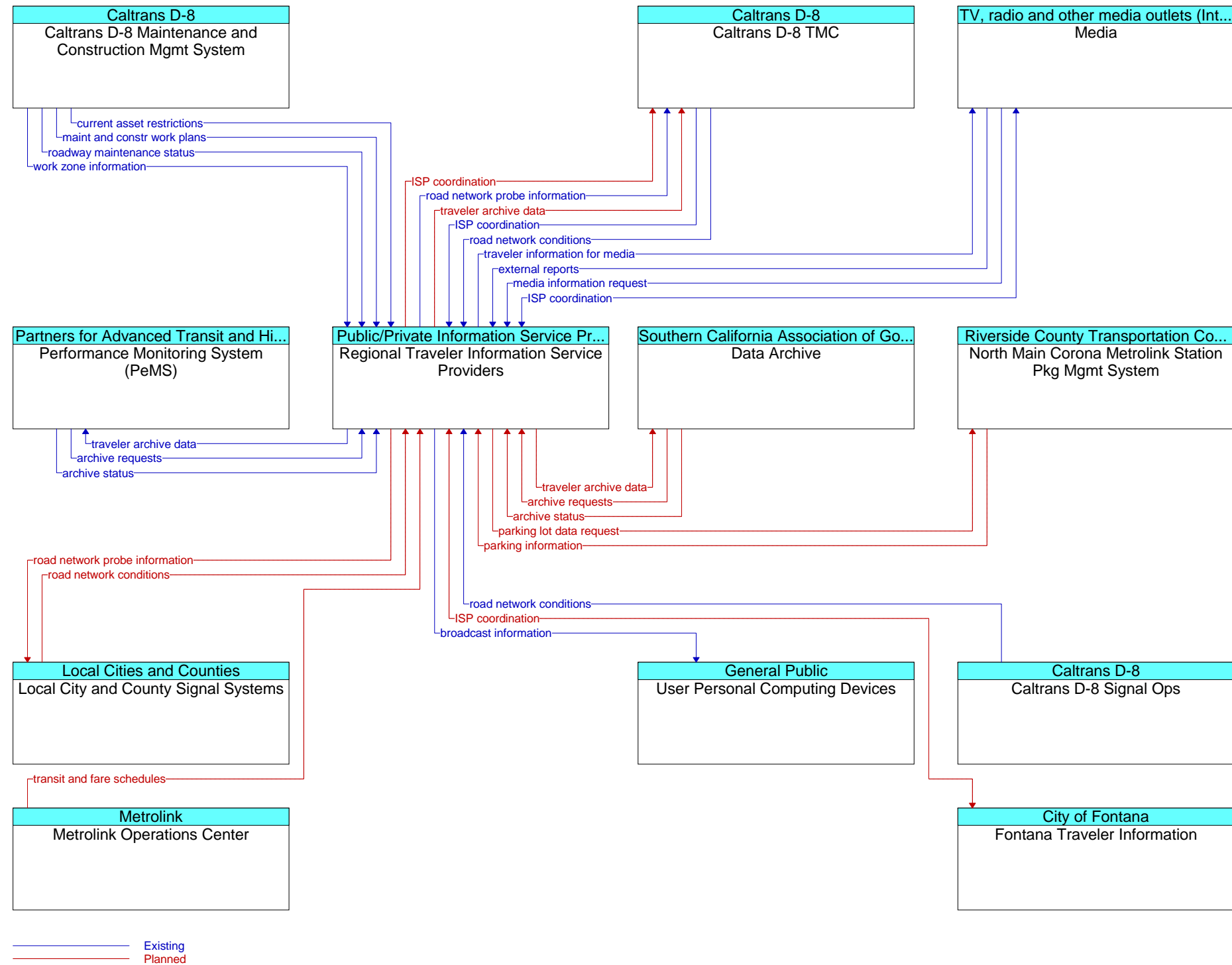


Stakeholder: **Public/Private Information Service Providers**
 Architecture Element: **Regional Traveler Information Service Providers**
Interconnect Diagram



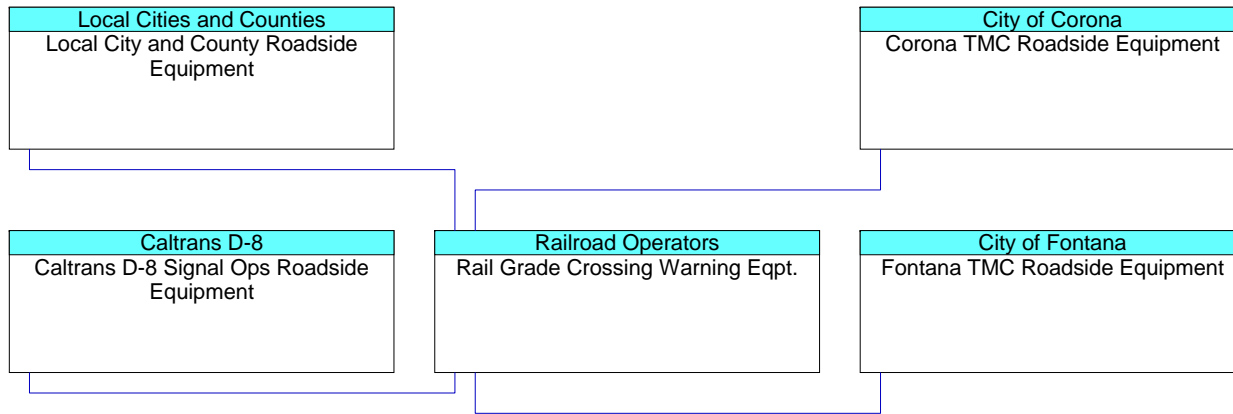


Stakeholder: **Public/Private Information Service Providers**
 Architecture Element: **Regional Traveler Information Service Providers**
 Architecture Flows Diagram





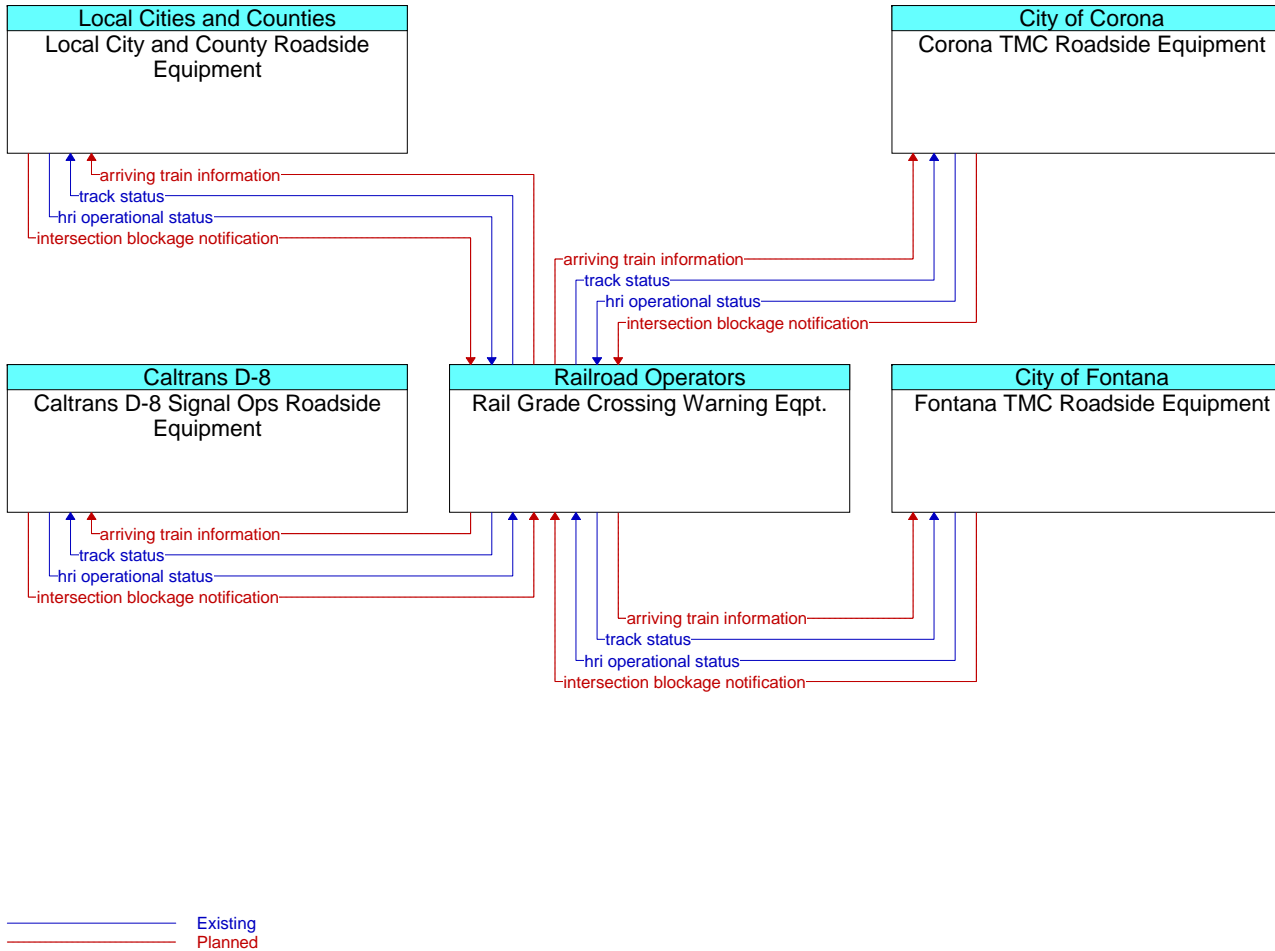
Stakeholder: **Railroad Operators**
Architecture Element: **Rail Grade Crossing Warning Eqpt**
Interconnect Diagram



Existing

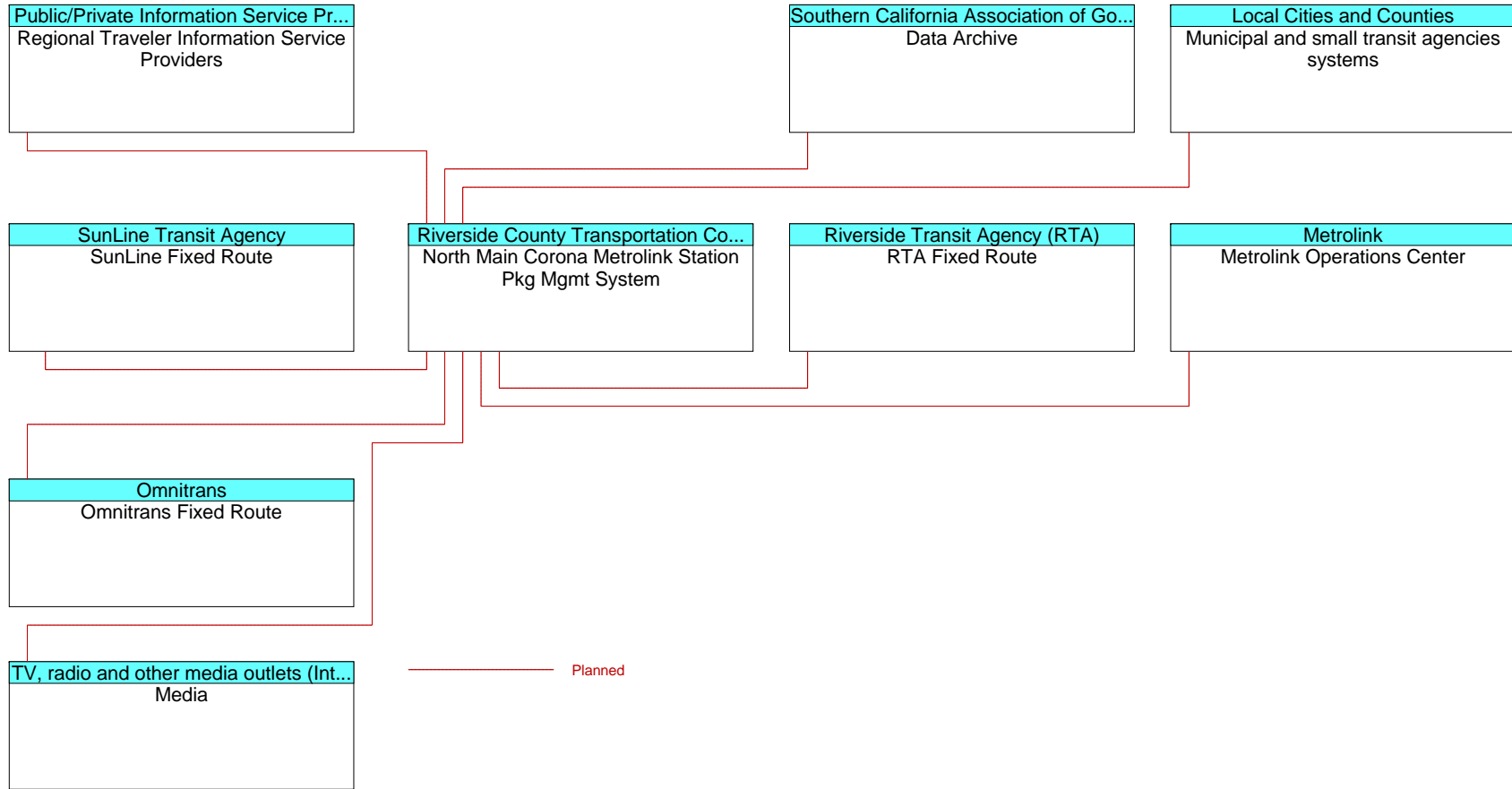


Stakeholder: **Railroad Operators**
 Architecture Element: **Rail Grade Crossing Warning Eqpt**
 Architecture Flows Diagram



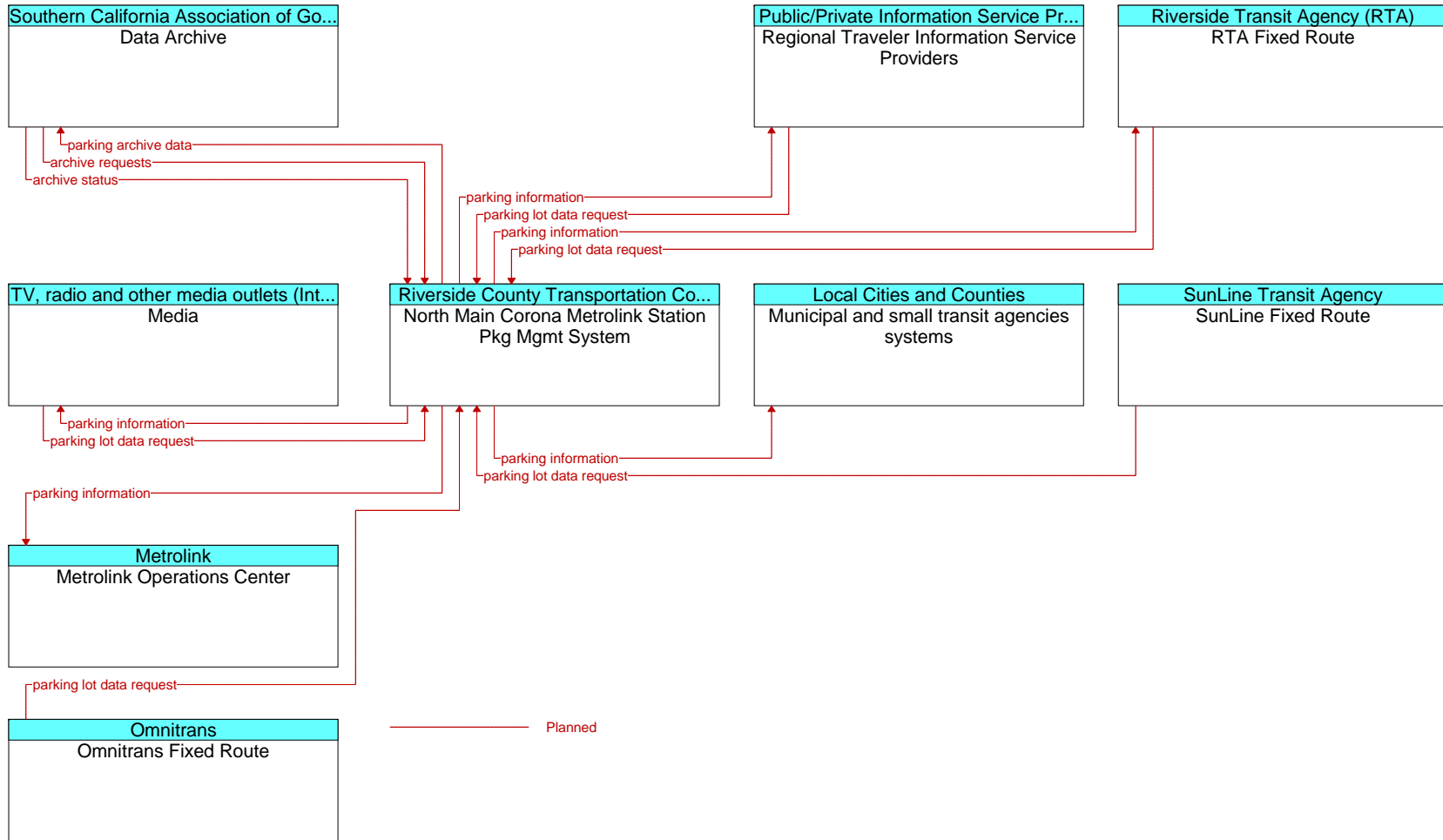


Stakeholder: **Riverside County Transportation Commission (RCTC)**
 Architecture Element: **North Main Corona Metrolink Station Pkg Mgmt System**
Interconnect Diagram



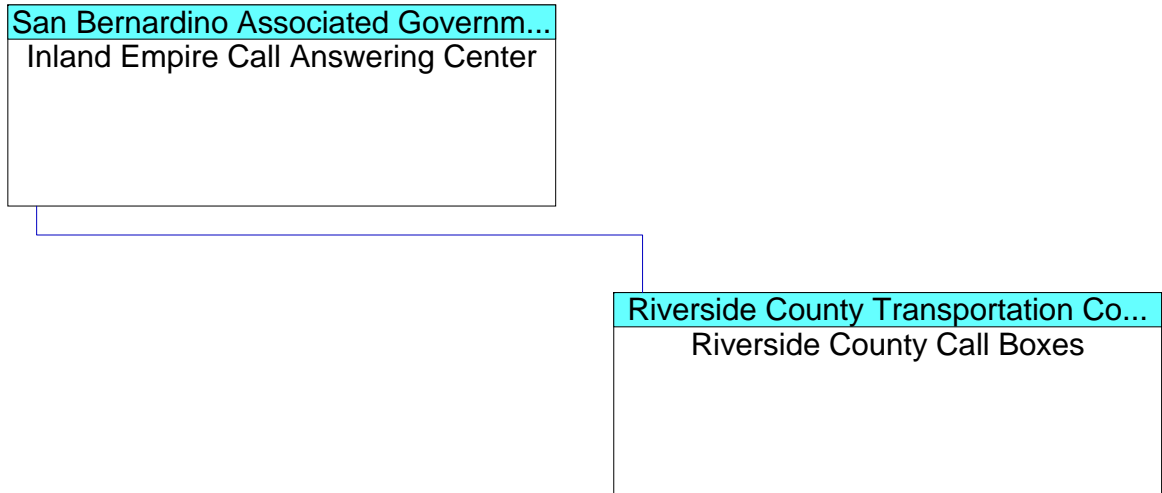


Stakeholder: **Riverside County Transportation Commission (RCTC)**
 Architecture Element: **North Main Corona Metrolink Station Pkg Mgmt System**
Architecture Flows Diagram





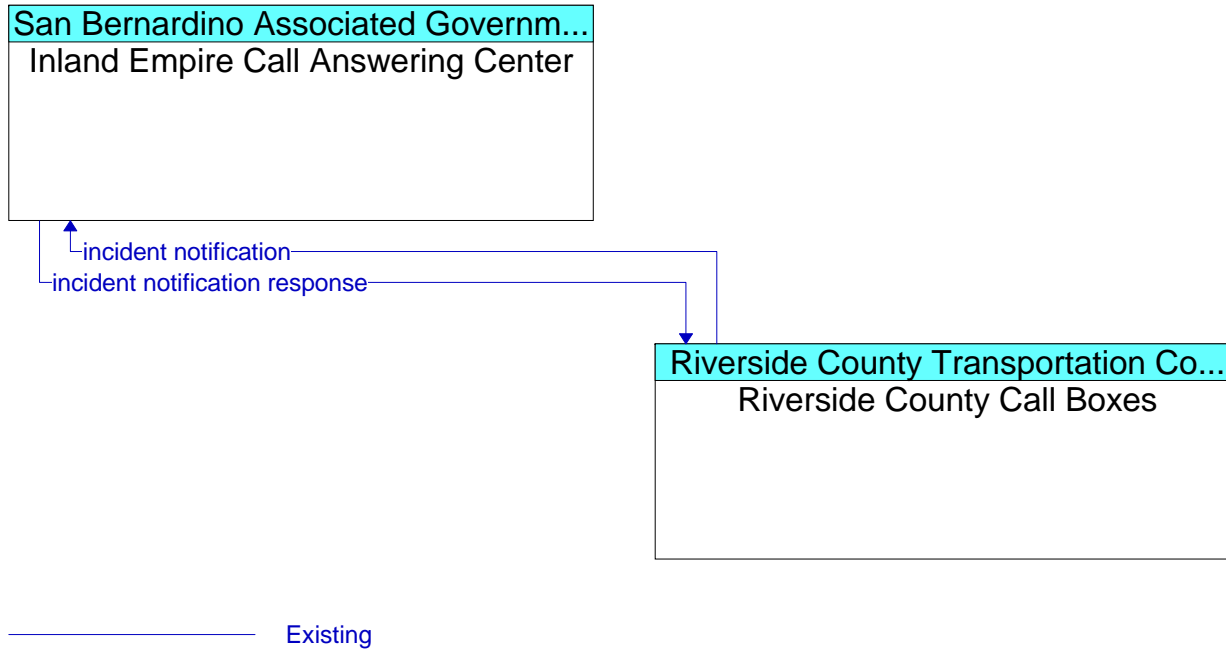
Stakeholder: **Riverside County Transportation Commission (RCTC)**
Architecture Element: **Riverside County Call Boxes**
Interconnect Diagram



Existing

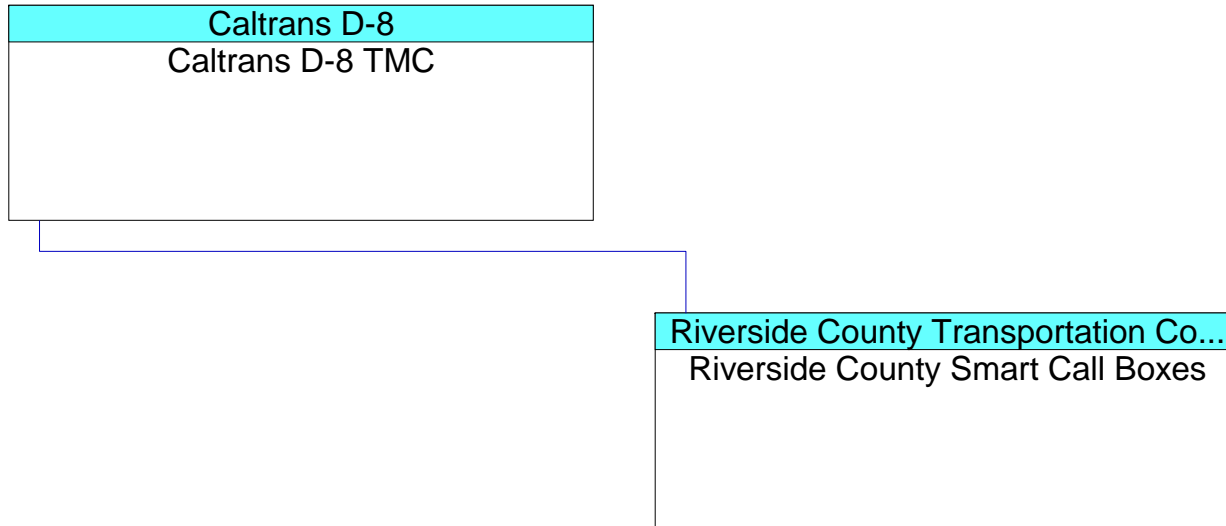


Stakeholder: **Riverside County Transportation Commission (RCTC)**
Architecture Element: **Riverside County Call Boxes**
Architecture Flows Diagram





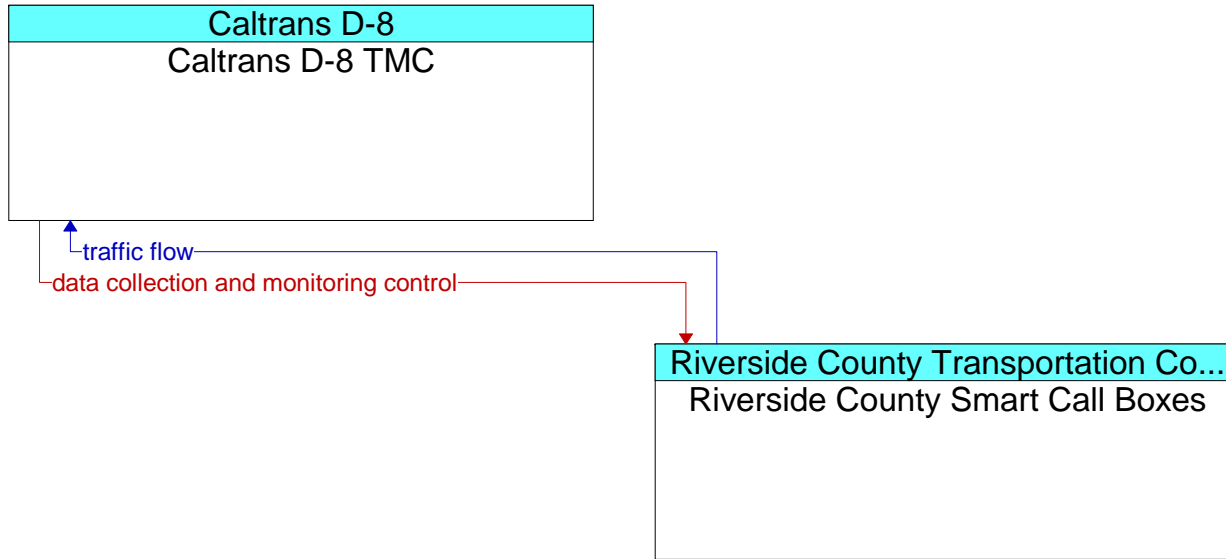
Stakeholder: **Riverside County Transportation Commission (RCTC)**
Architecture Element: **Riverside County Smart Call Boxes**
Interconnect Diagram



Existing



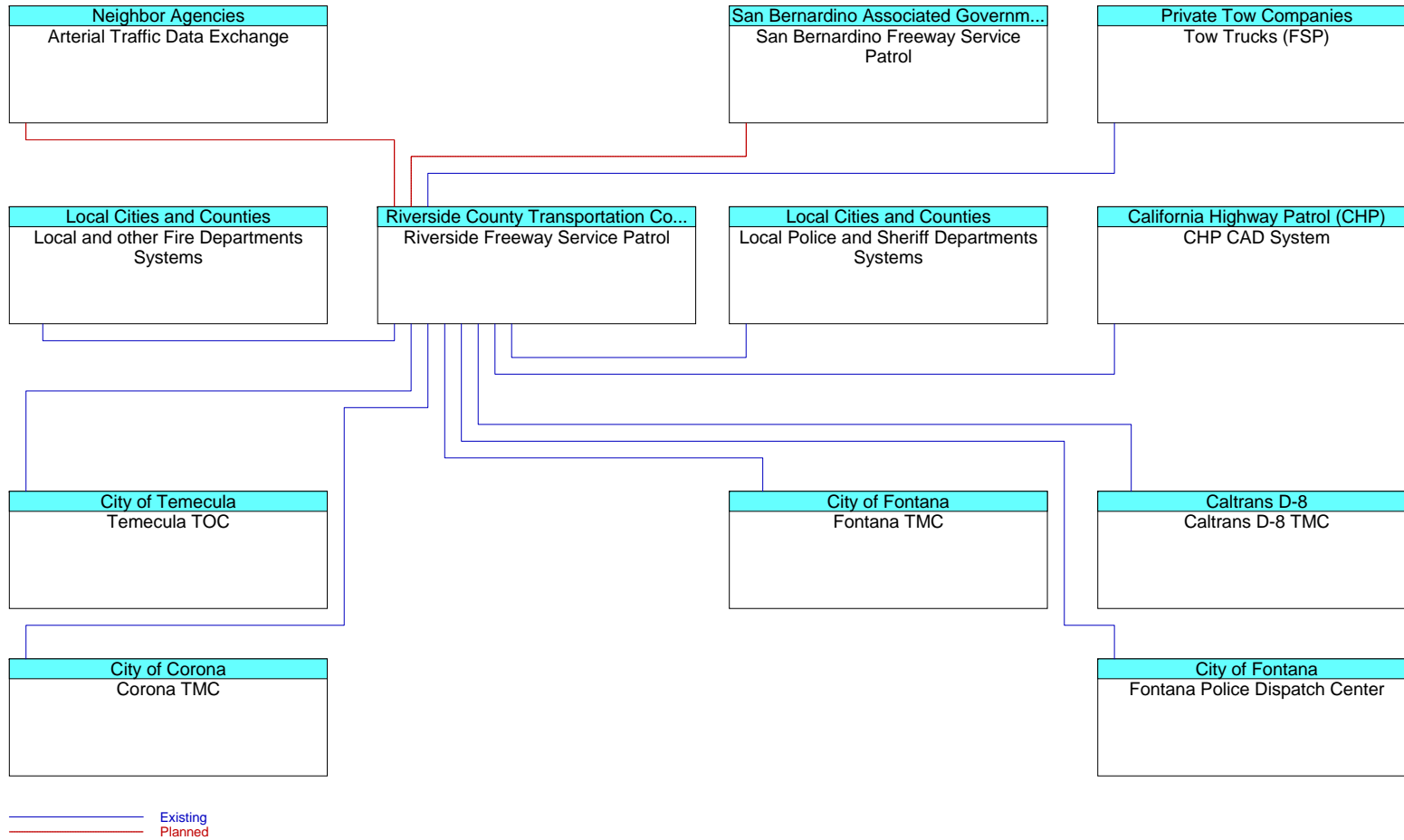
Stakeholder: **Riverside County Transportation Commission (RCTC)**
Architecture Element: **Riverside County Smart Call Boxes**
Architecture Flows Diagram



— Existing
— Planned

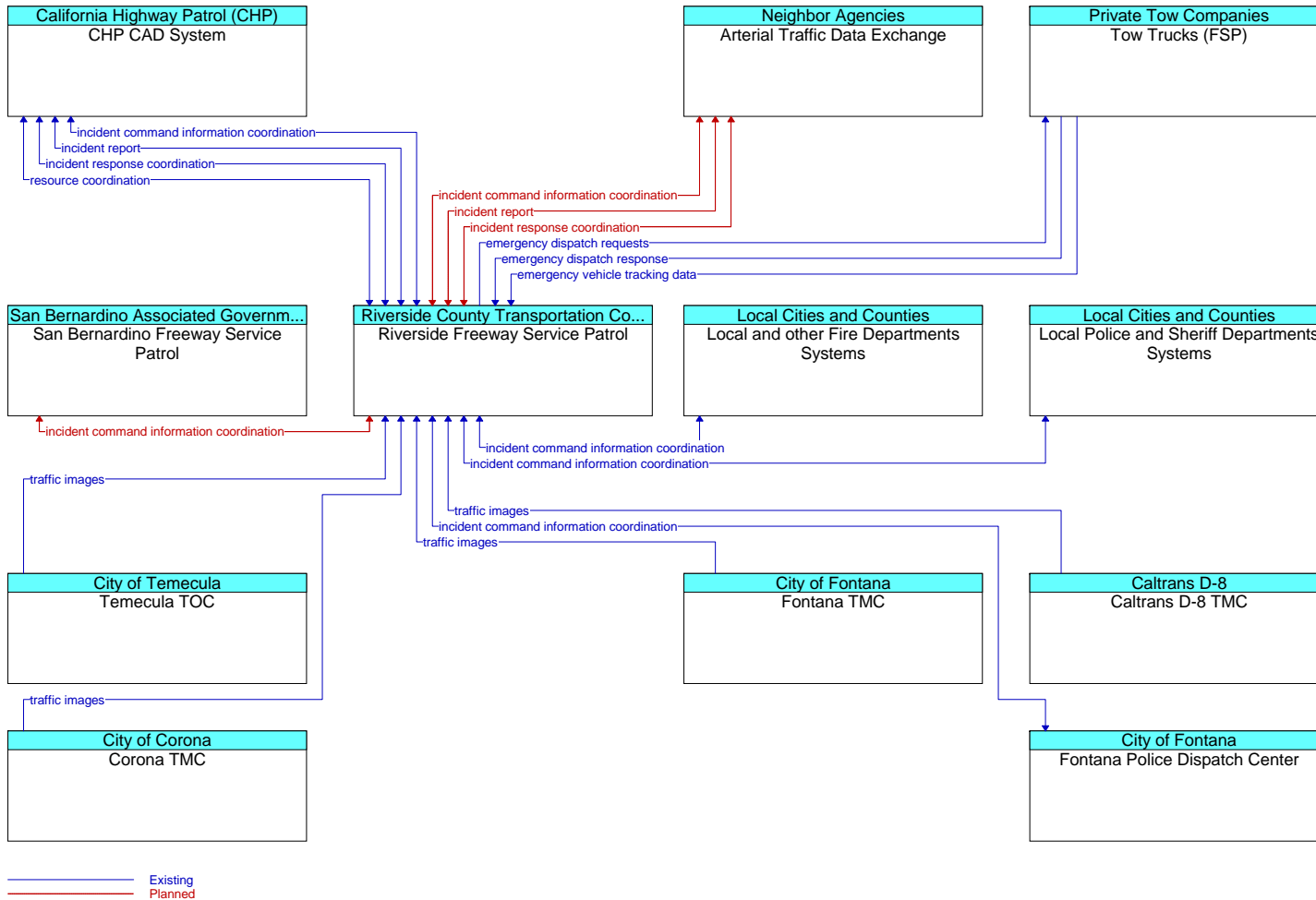


Stakeholder: **Riverside County Transportation Commission (RCTC)**
 Architecture Element: **Riverside Freeway Service Patrol**
Interconnect Diagram





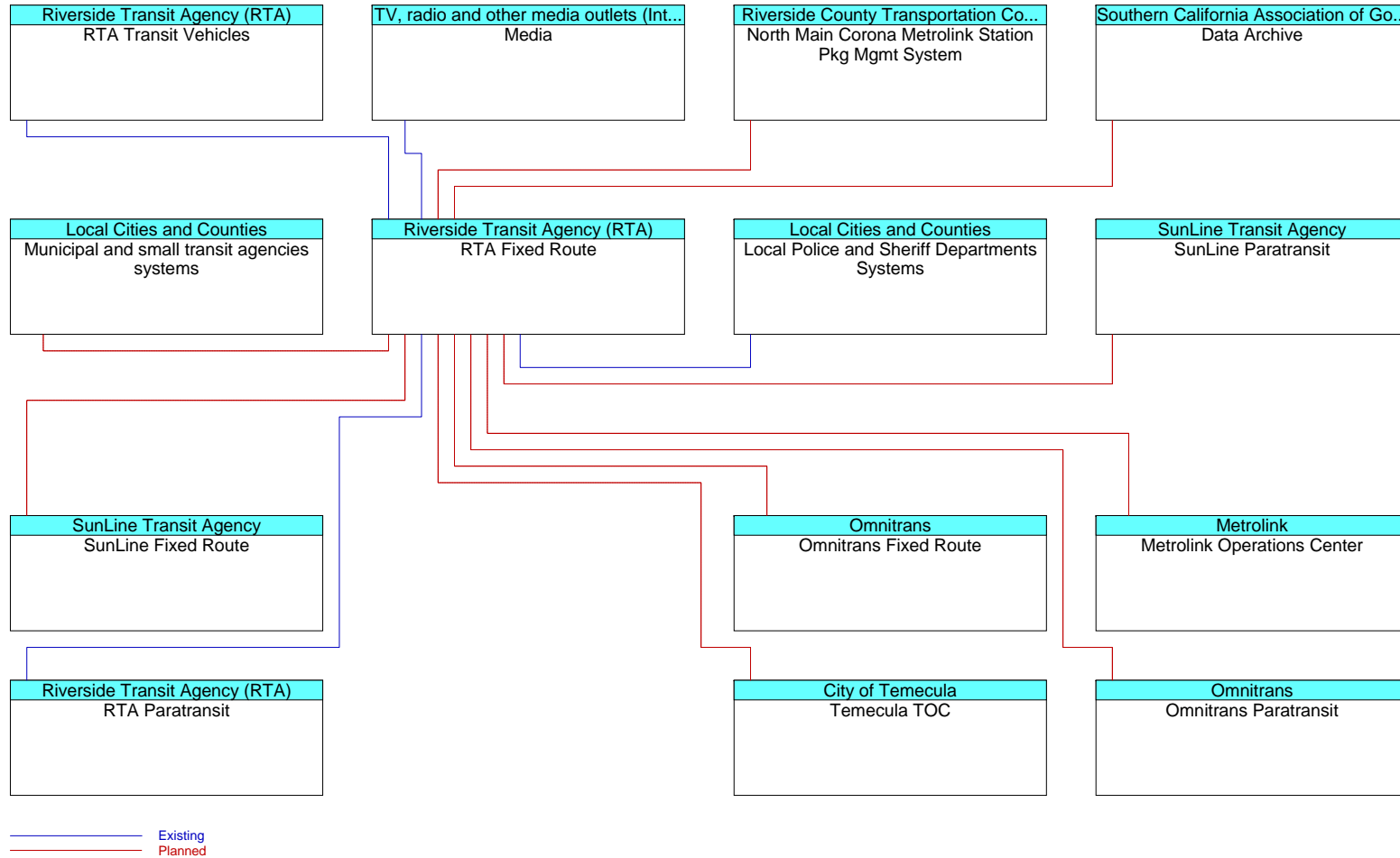
Stakeholder: **Riverside County Transportation Commission (RCTC)**
 Architecture Element: **Riverside Freeway Service Patrol**
 Architecture Flows Diagram



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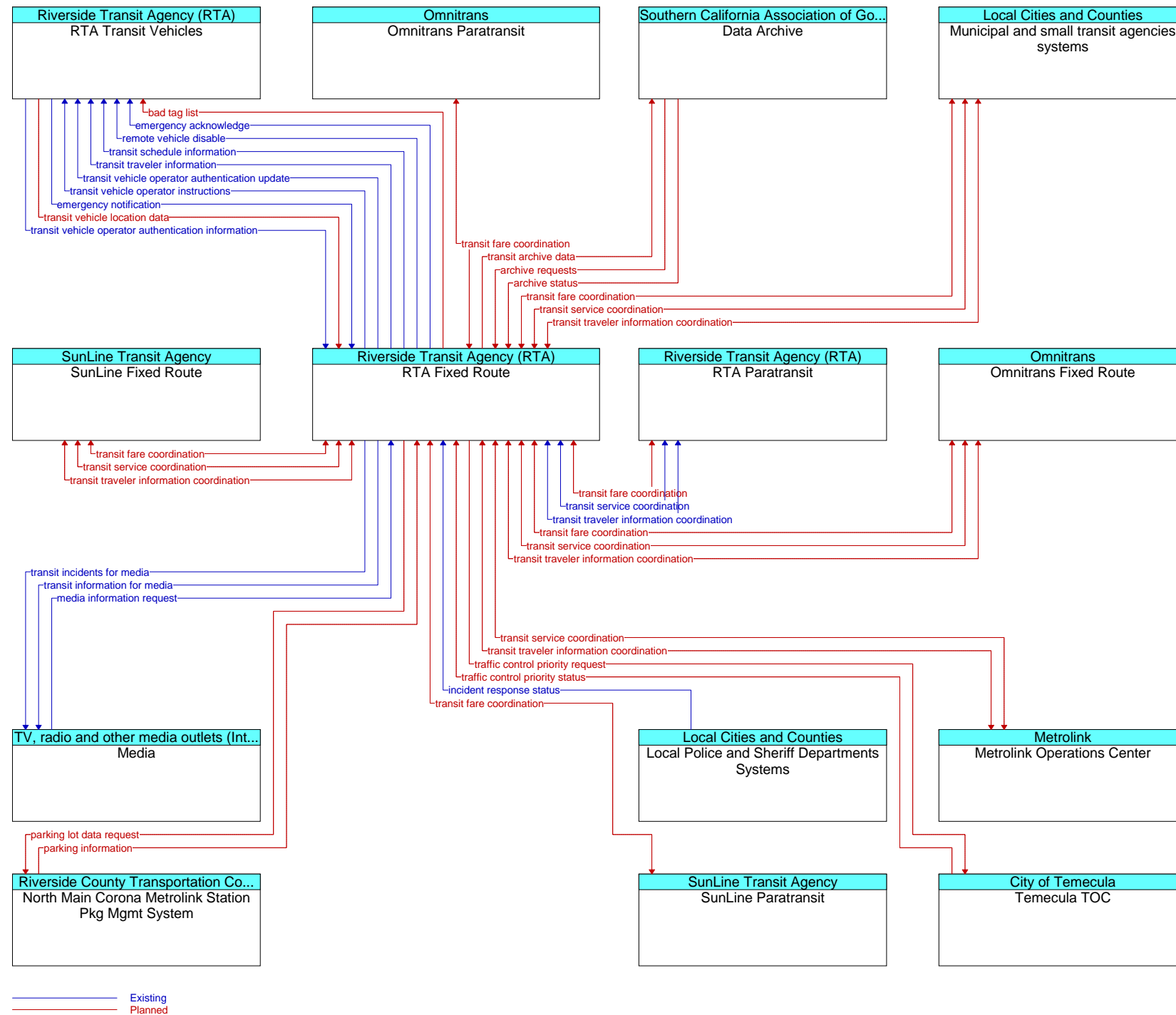


Stakeholder: **Riverside Transit Agency (RTA)**
 Architecture Element: **RTA Fixed Route**
Interconnect Diagram



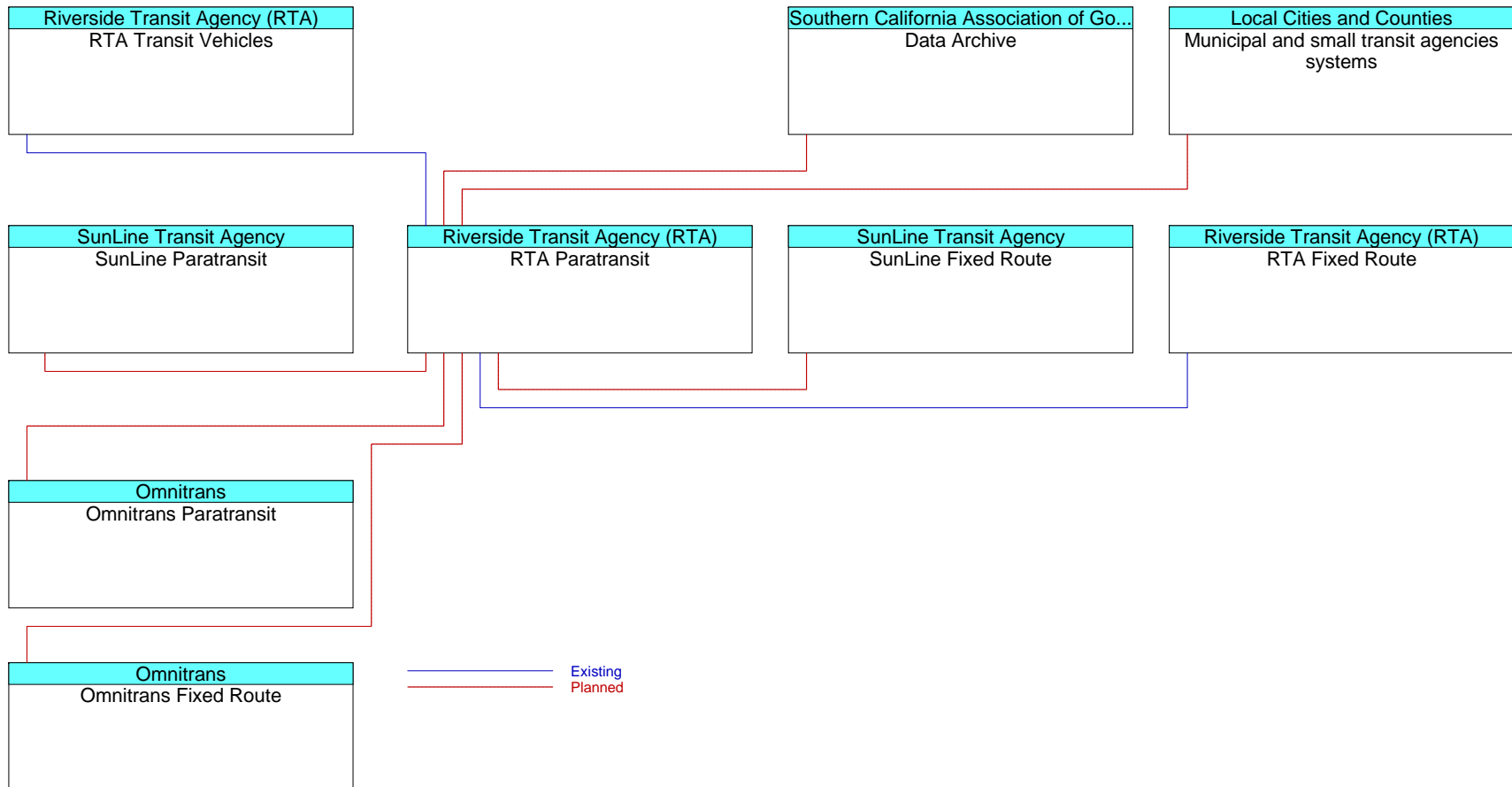


Stakeholder: **Riverside Transit Agency (RTA)**
 Architecture Element: **RTA Fixed Route**
 Architecture Flows Diagram



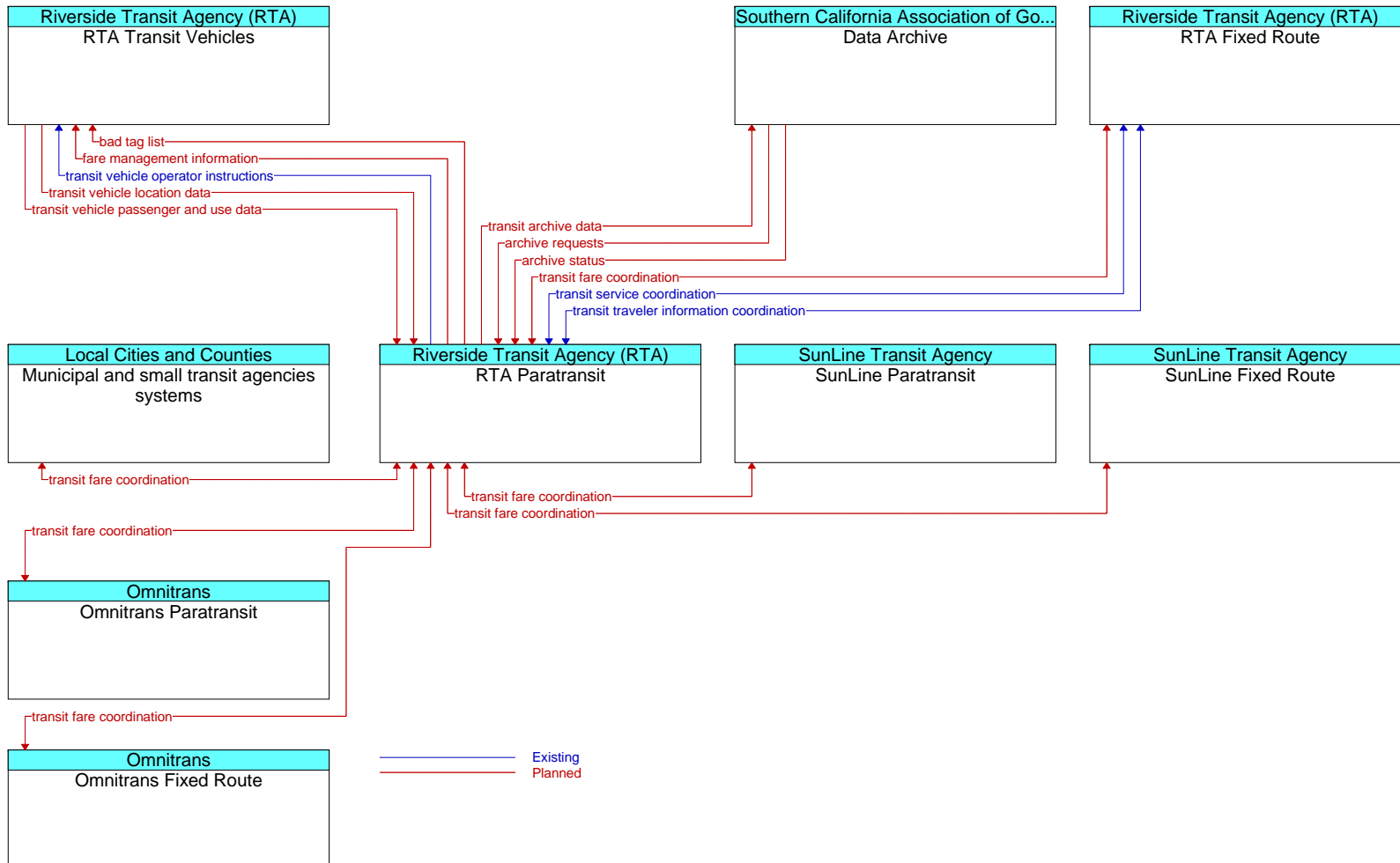


Stakeholder: **Riverside Transit Agency (RTA)**
 Architecture Element: **RTA Paratransit**
Interconnect Diagram





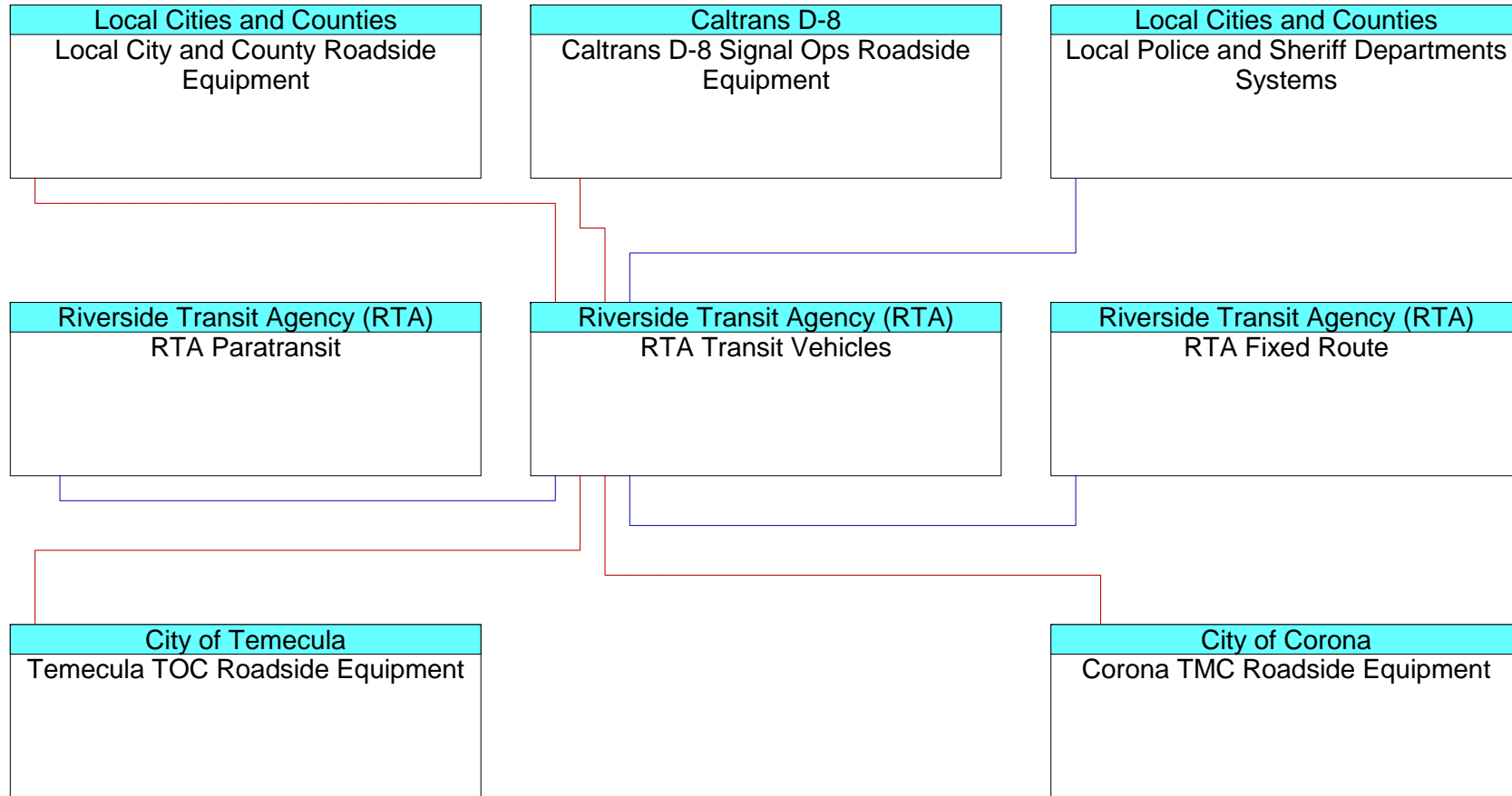
Stakeholder: **Riverside Transit Agency (RTA)**
 Architecture Element: **RTA Paratransit**
 Architecture Flows Diagram



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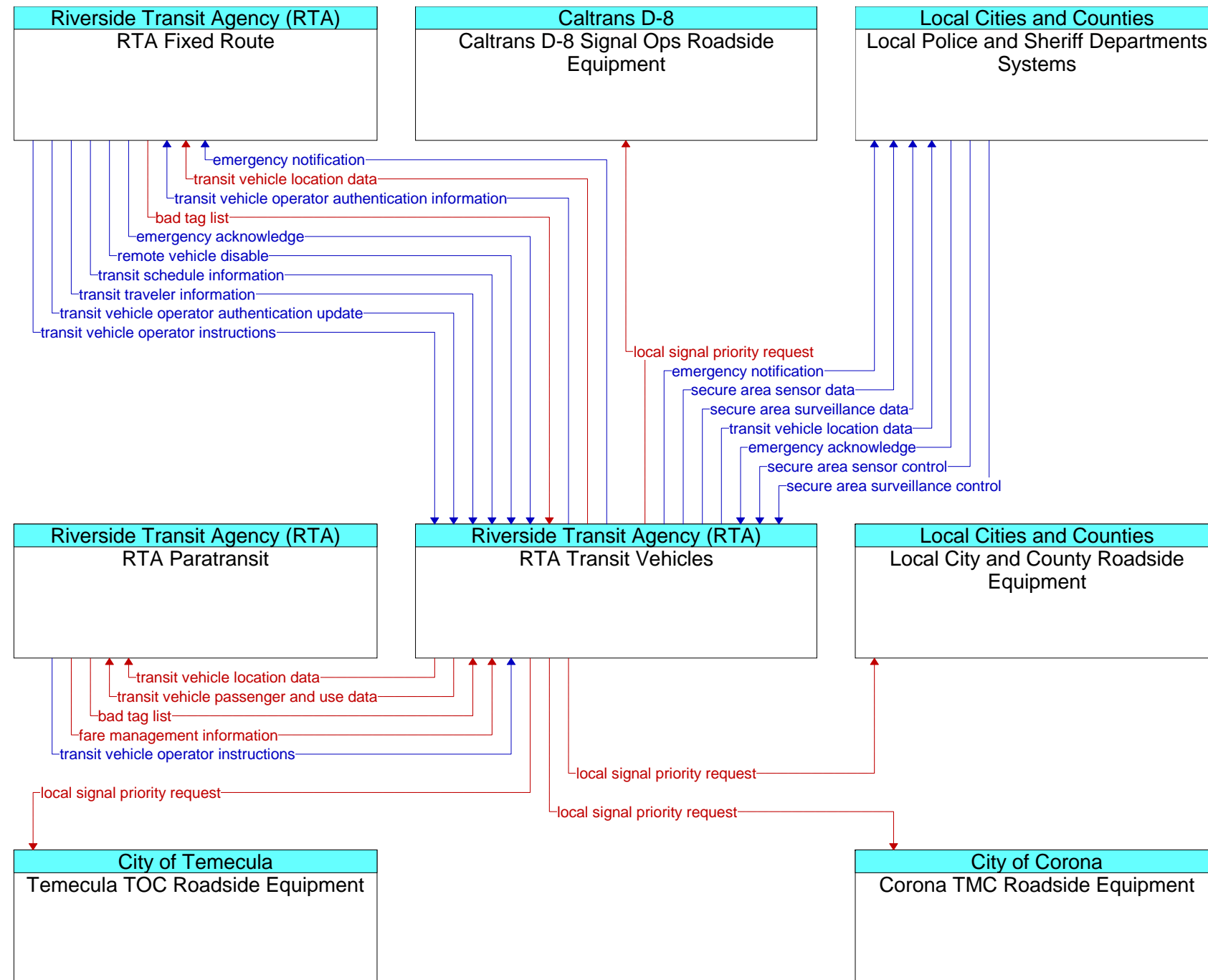
Stakeholder: **Riverside Transit Agency (RTA)**
 Architecture Element: **RTA Transit Vehicles**
Interconnect Diagram



— Existing
 — Planned



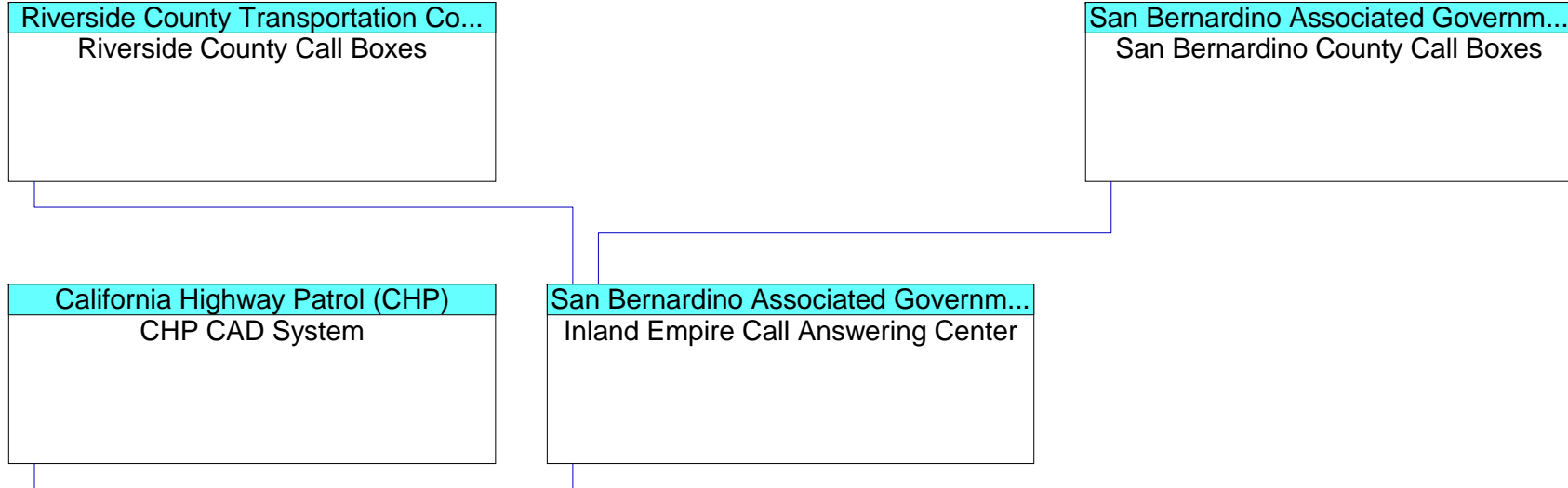
Stakeholder: **Riverside Transit Agency (RTA)**
 Architecture Element: **RTA Transit Vehicles**
Architecture Flows Diagram



Existing
Planned



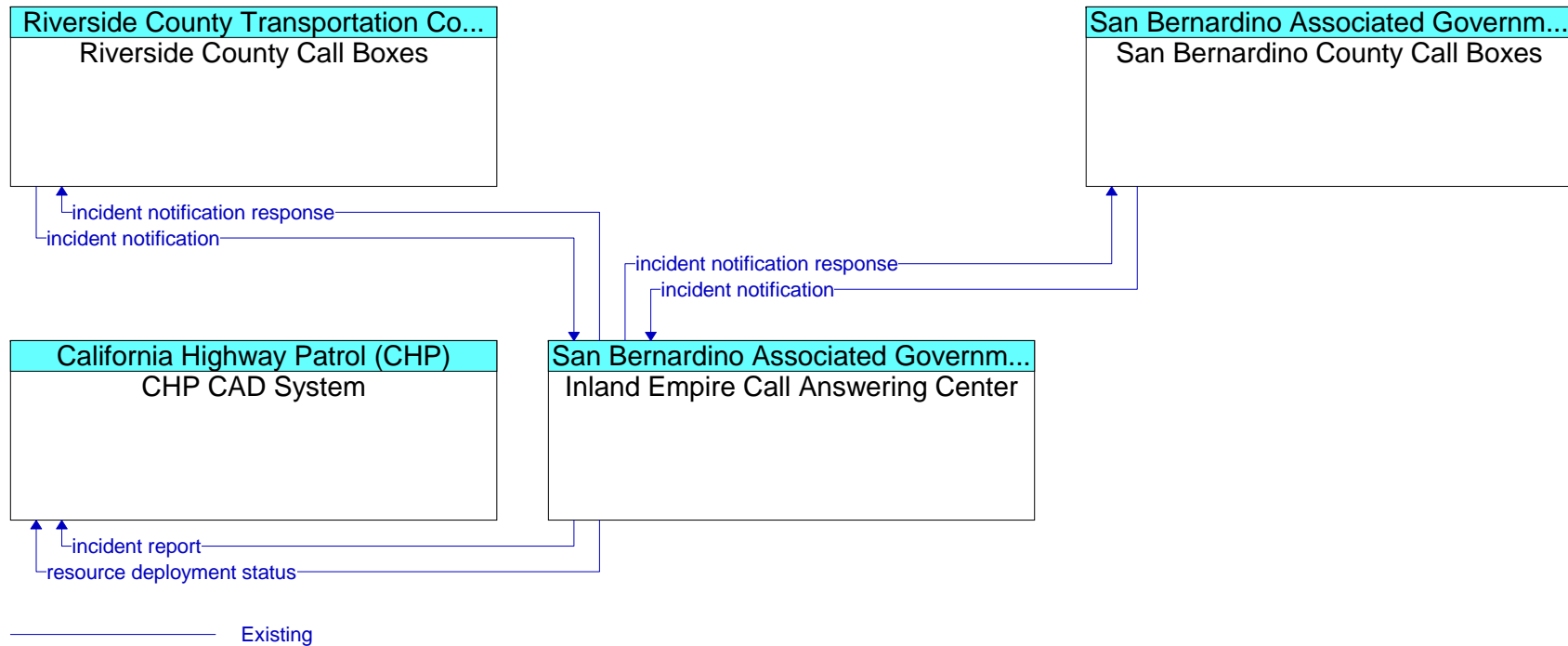
Stakeholder: **San Bernardino Associated Governments (SANBAG)**
Architecture Element: **Inland Empire Call Answering Center**
Interconnect Diagram



Existing

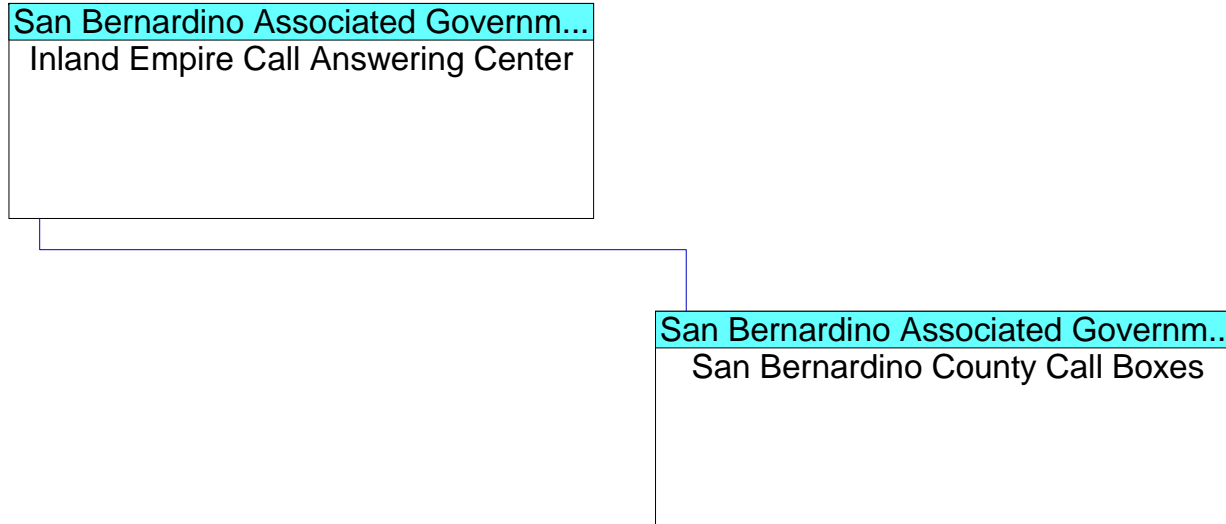


Stakeholder: **San Bernardino Associated Governments (SANBAG)**
Architecture Element: **Inland Empire Call Answering Center**
Architecture Flows Diagram





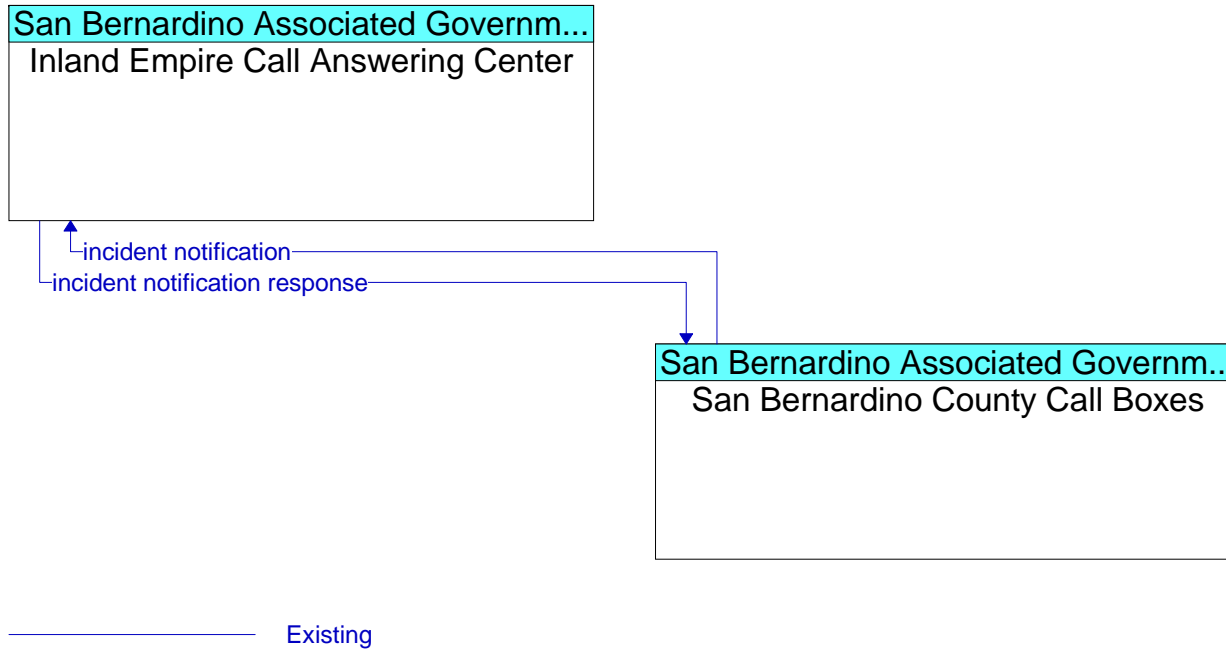
Stakeholder: **San Bernardino Associated Governments (SANBAG)**
Architecture Element: **San Bernardino County Call Boxes**
Interconnect Diagram



Existing

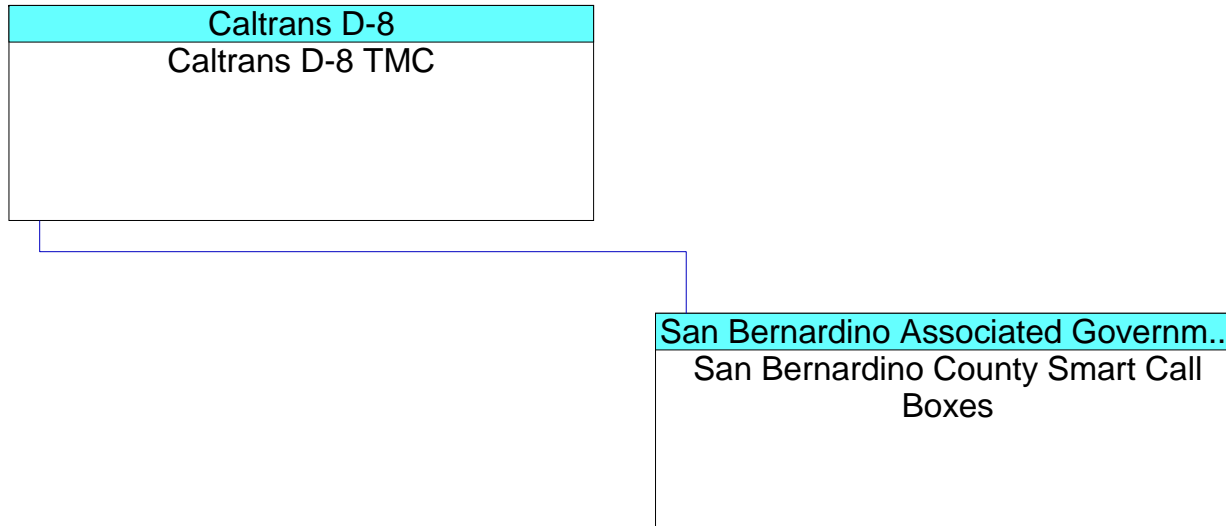


Stakeholder: **San Bernardino Associated Governments (SANBAG)**
Architecture Element: **San Bernardino County Call Boxes**
Architecture Flows Diagram





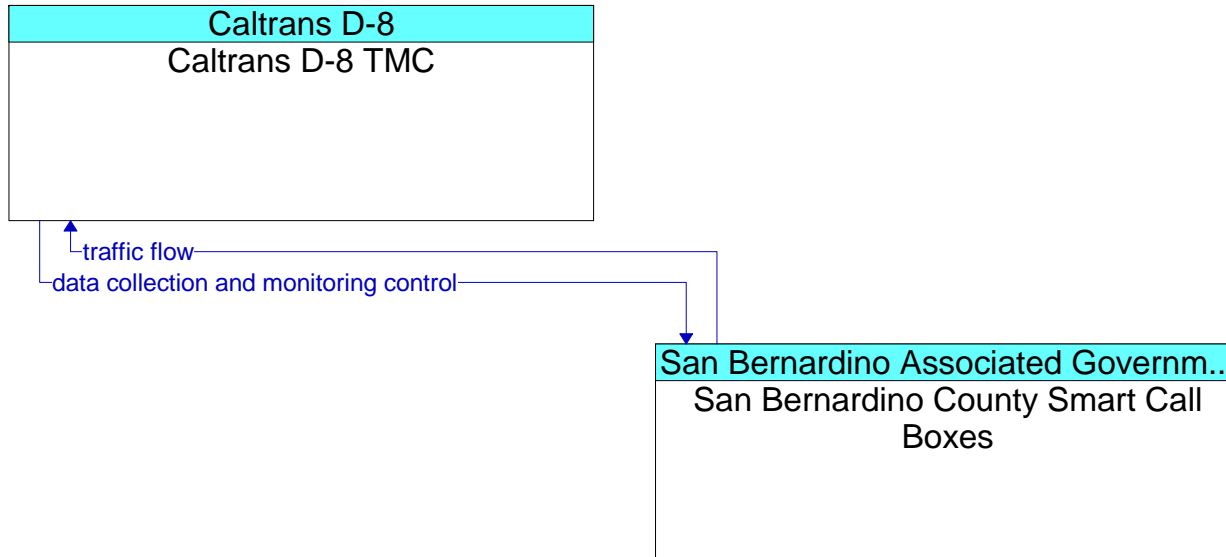
Stakeholder: **San Bernardino Associated Governments (SANBAG)**
Architecture Element: **San Bernardino County Smart Call Boxes**
Interconnect Diagram



Existing



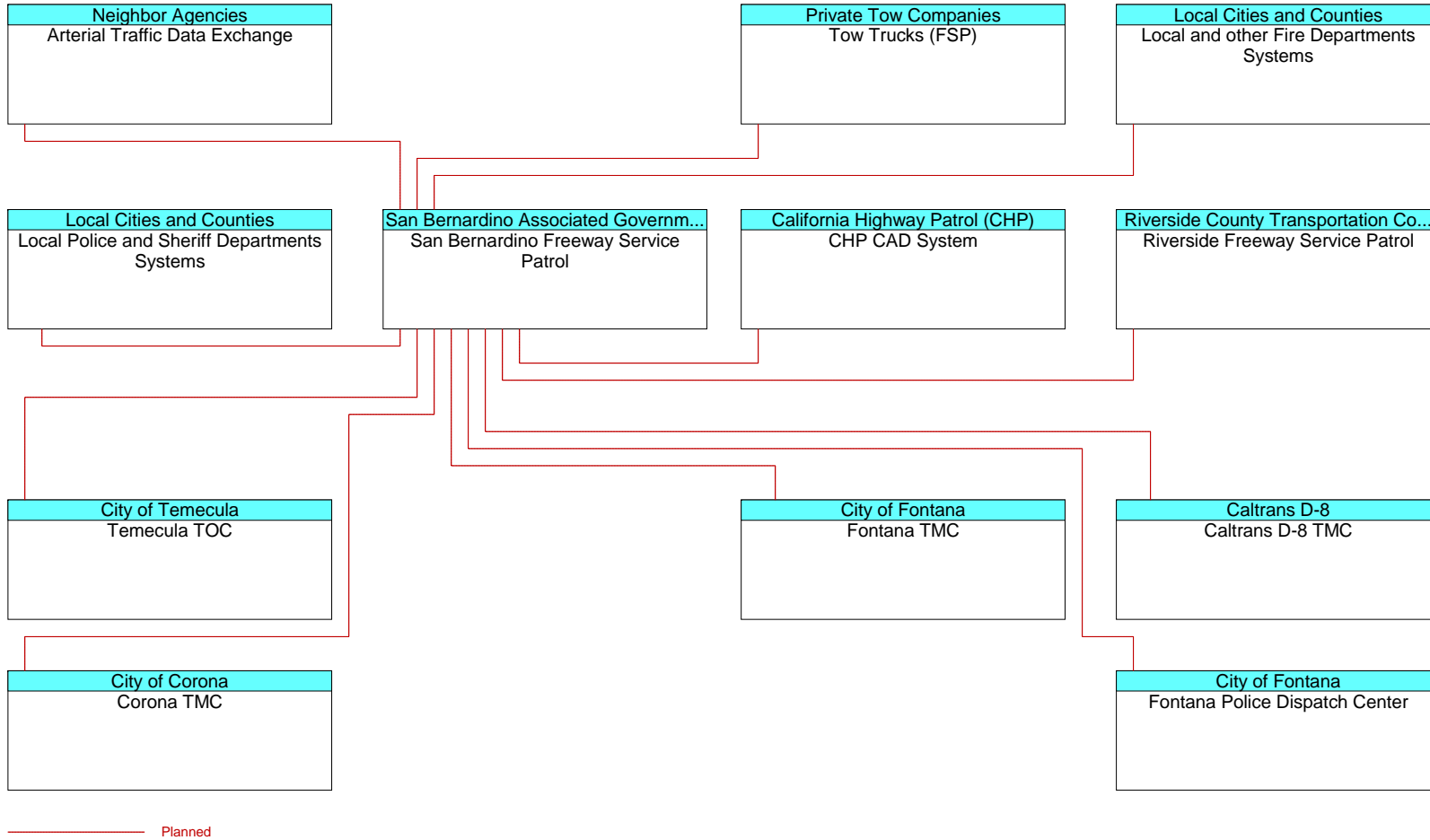
Stakeholder: **San Bernardino Associated Governments (SANBAG)**
Architecture Element: **San Bernardino County Smart Call Boxes**
Architecture Flows Diagram



Existing

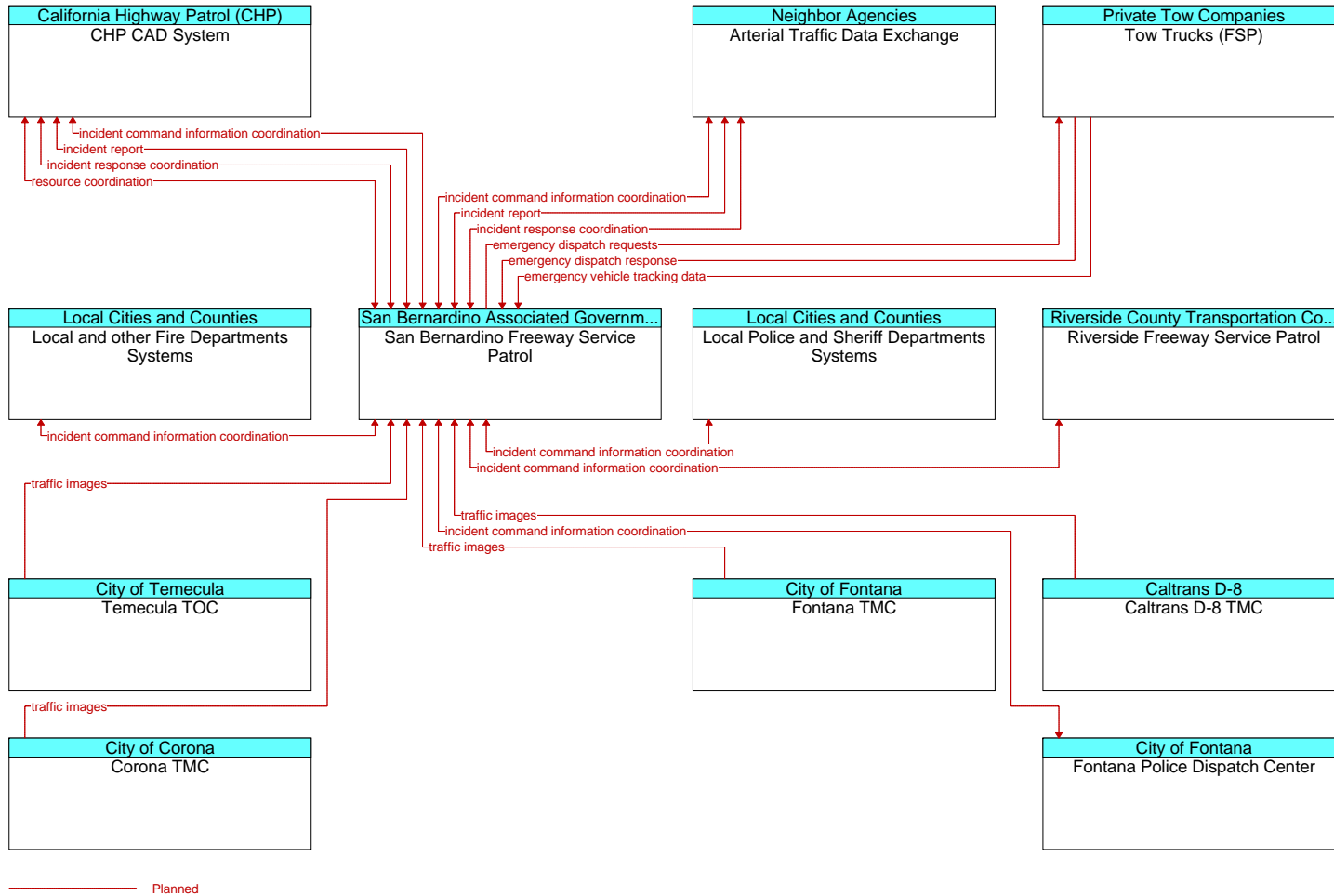


Stakeholder: **San Bernardino Associated Governments (SANBAG)**
 Architecture Element: **San Bernardino Freeway Service Patrol**
Interconnect Diagram



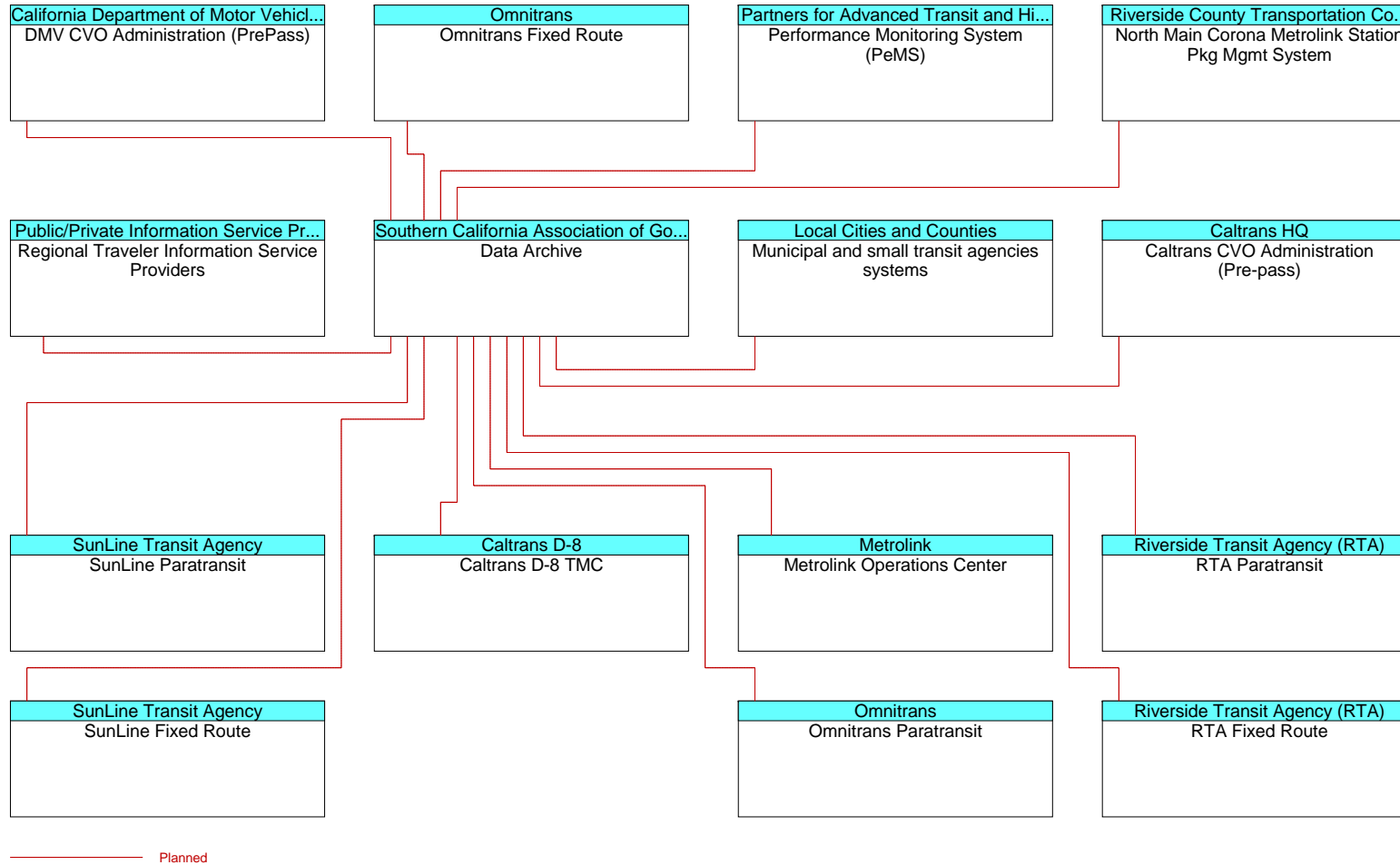


Stakeholder: **San Bernardino Associated Governments (SANBAG)**
 Architecture Element: **San Bernardino Freeway Service Patrol**
Architecture Flows Diagram





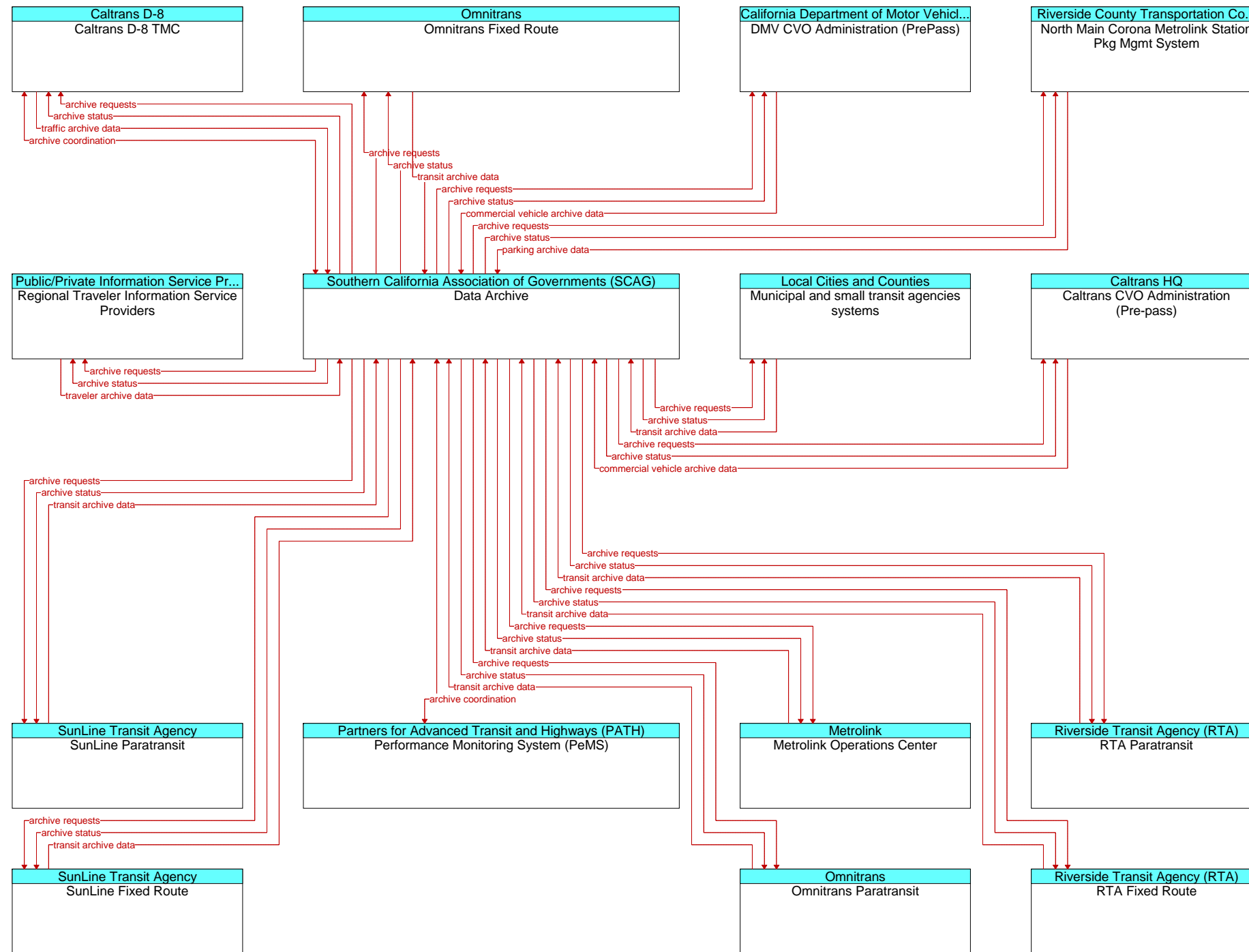
Stakeholder: **Southern California Association of Governments (SCAG)**
 Architecture Element: **Regional Data Archive Repository**
Interconnect Diagram



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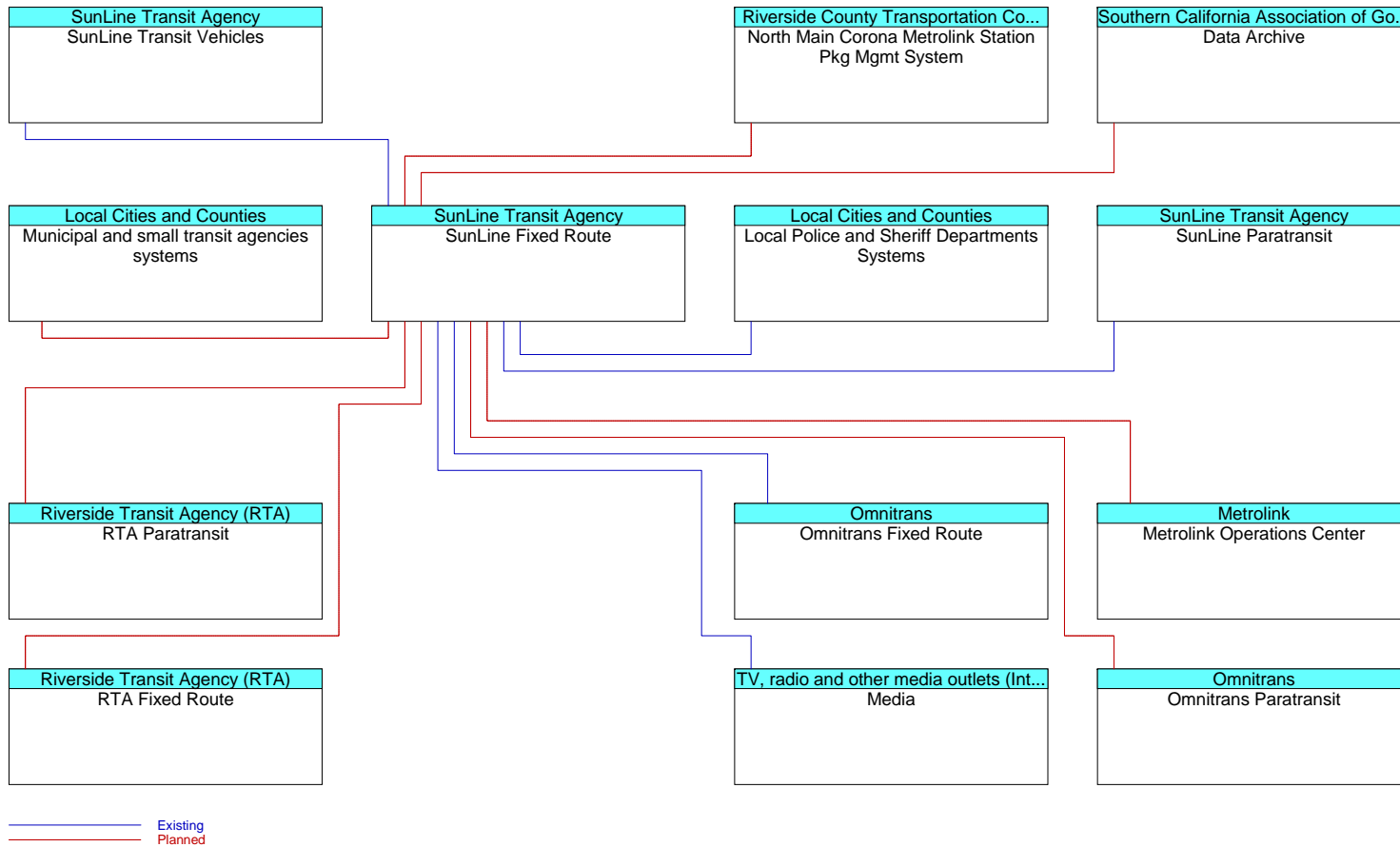


Stakeholder: **Southern California Association of Governments (SCAG)**
 Architecture Element: **Regional Data Archive Repository**
 Architecture Flows Diagram



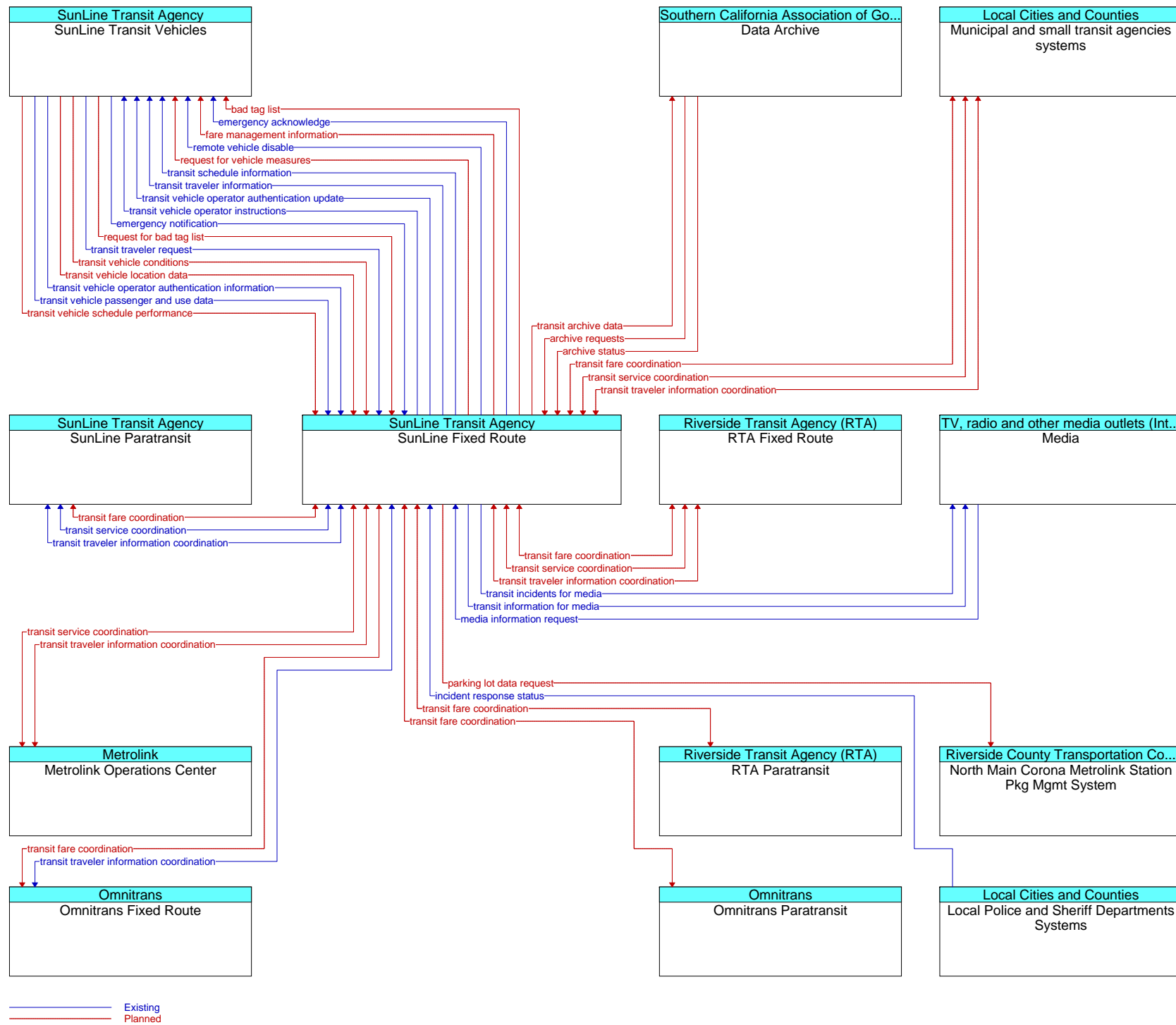


Stakeholder: **SunLine Transit Agency**
 Architecture Element: **SunLine Fixed Route**
Interconnect Diagram



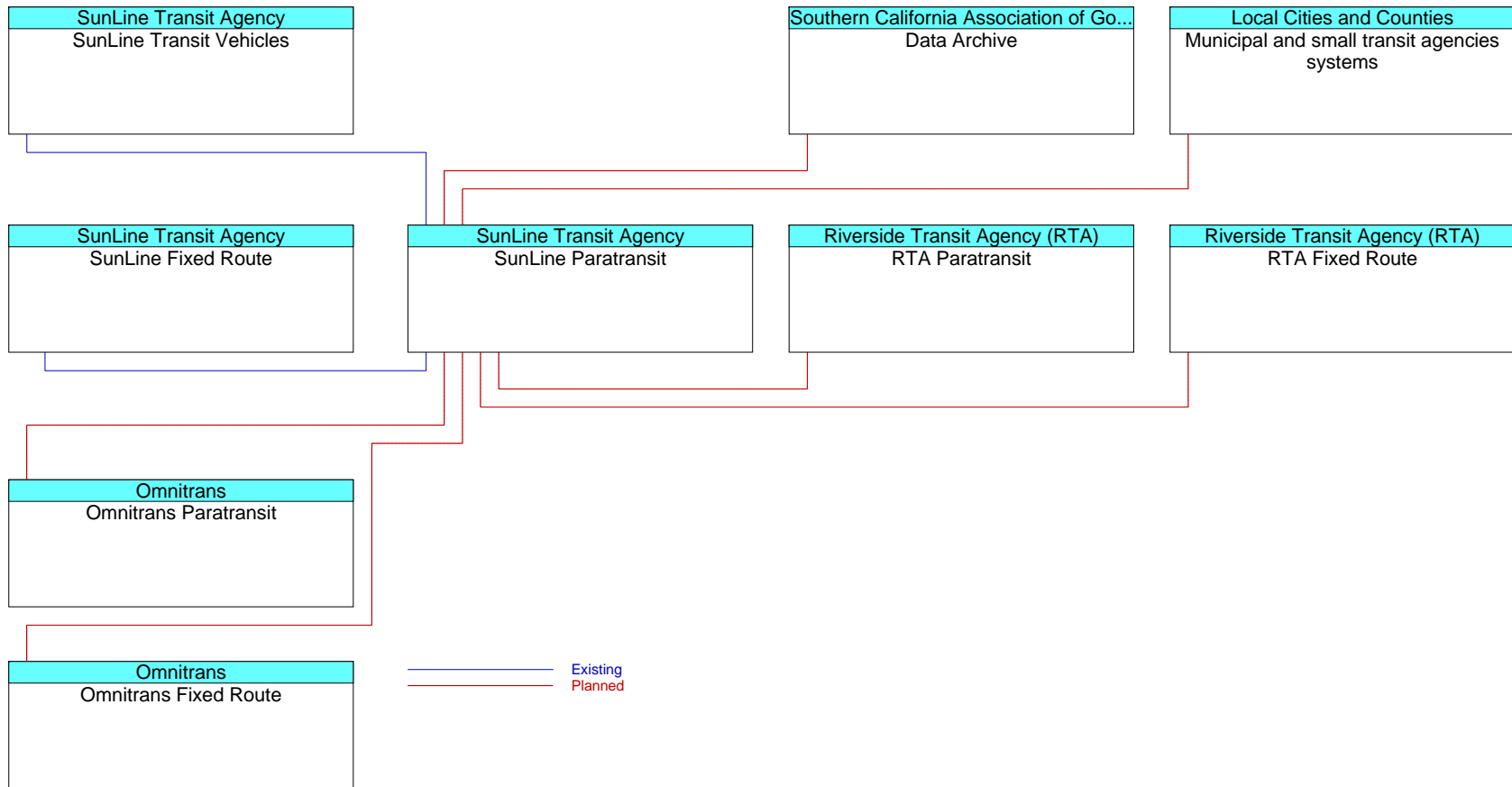


Stakeholder: **SunLine Transit Agency**
 Architecture Element: **SunLine Fixed Route**
 Architecture Flows Diagram



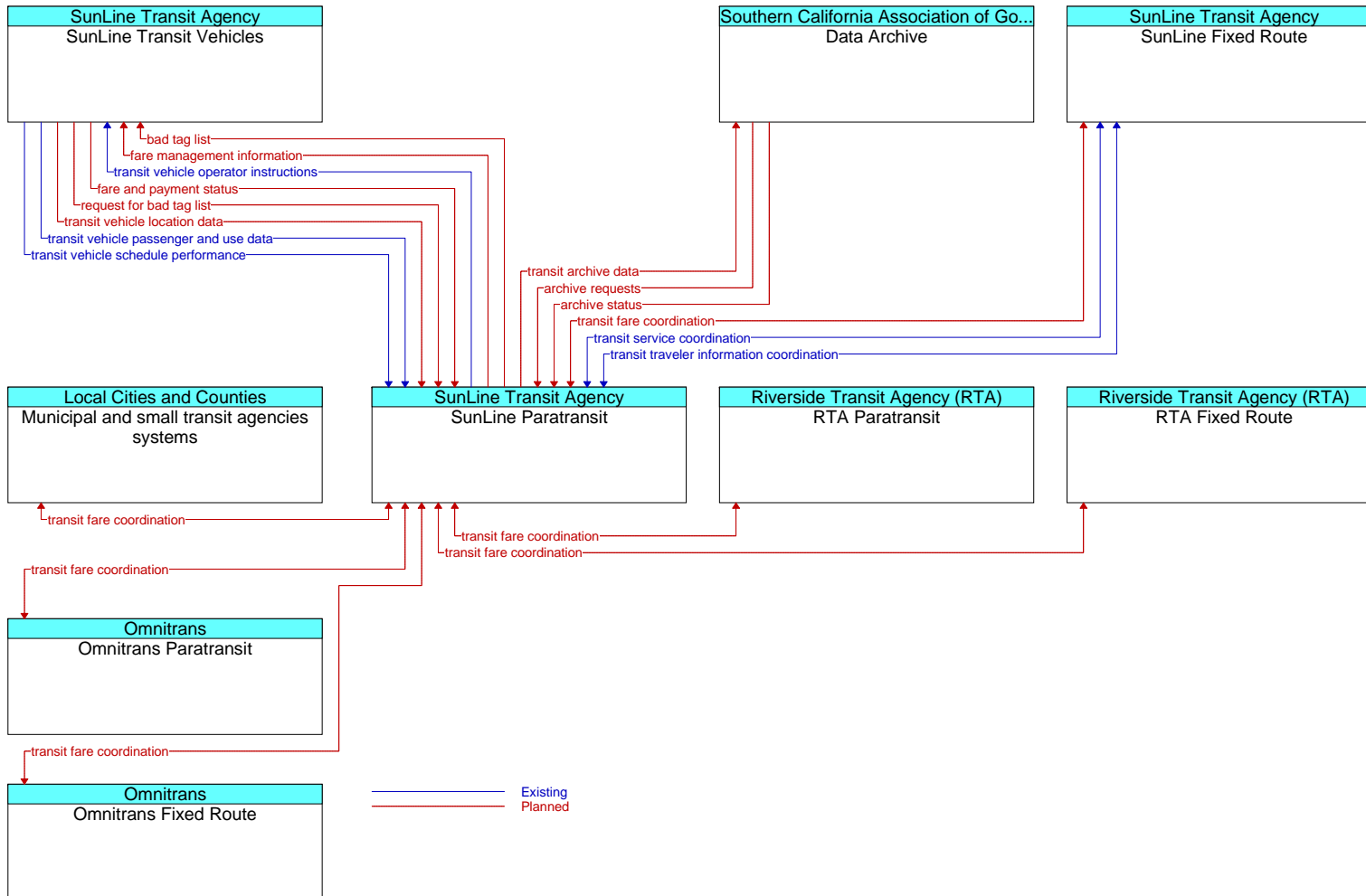


Stakeholder: **SunLine Transit Agency**
 Architecture Element: **SunLine Paratransit**
Interconnect Diagram





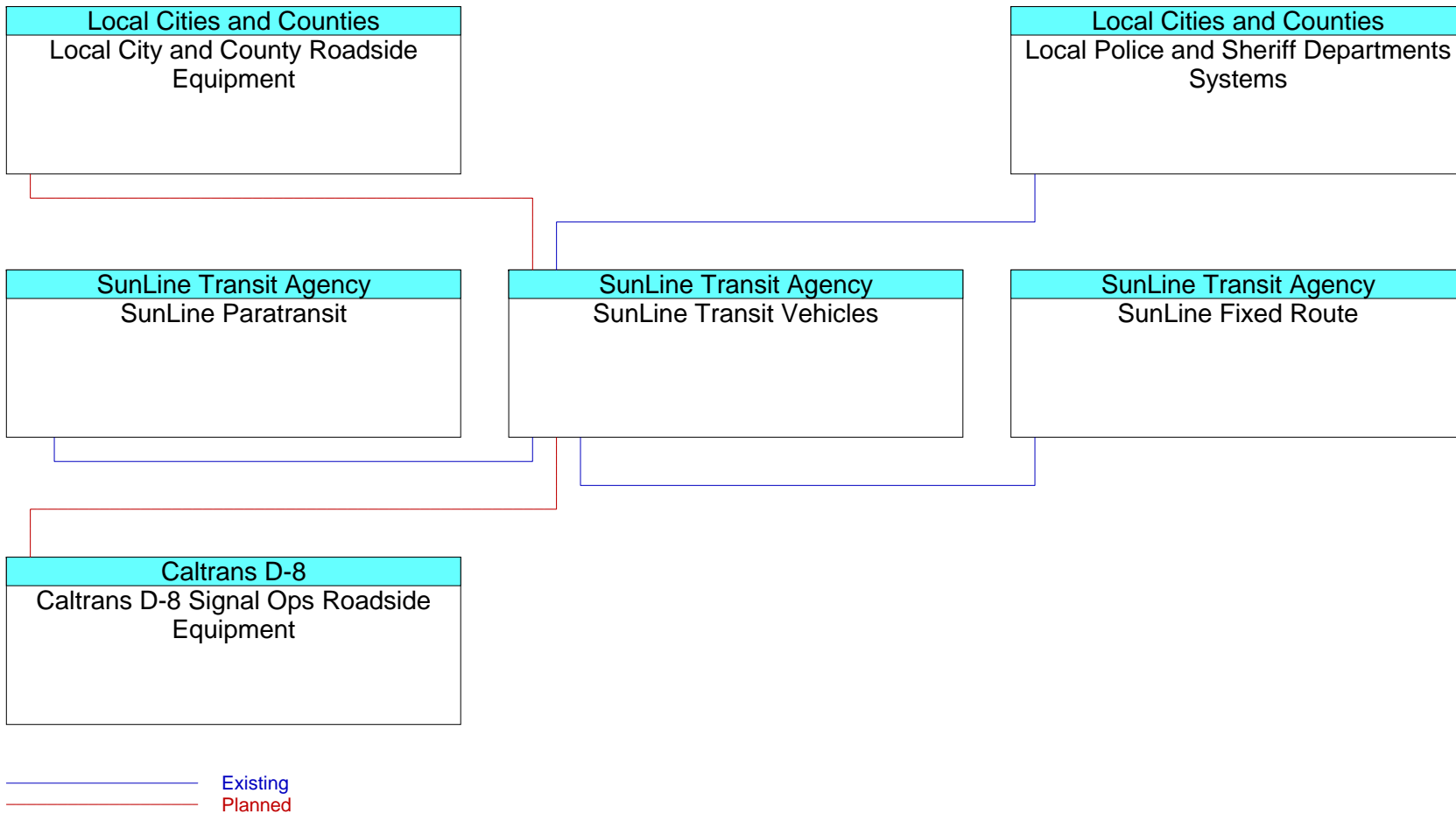
Stakeholder: **SunLine Transit Agency**
 Architecture Element: **SunLine Paratransit**
 Architecture Flows Diagram



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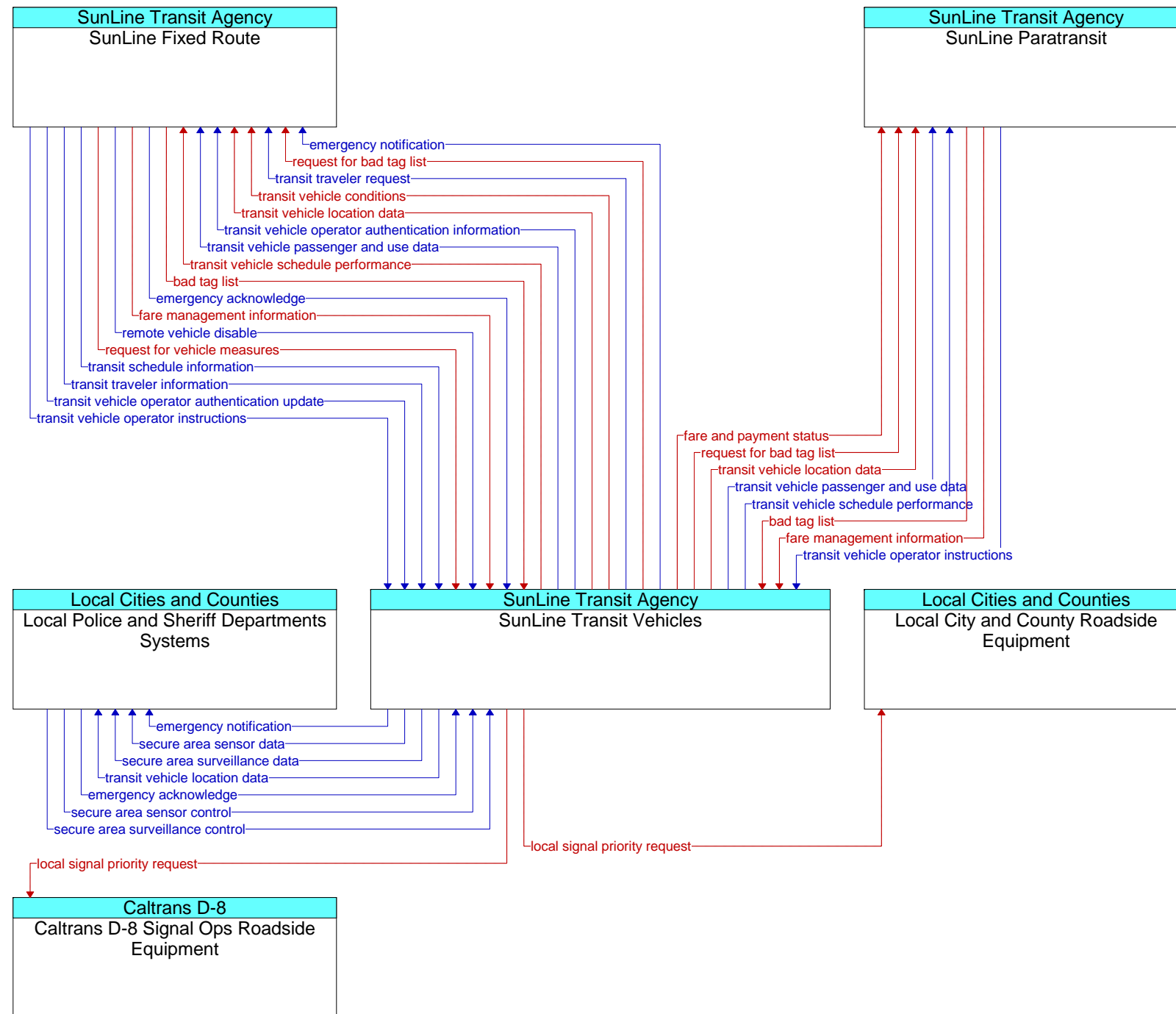


Stakeholder: **SunLine Transit Agency**
 Architecture Element: **SunLine Transit Vehicles**
Interconnect Diagram





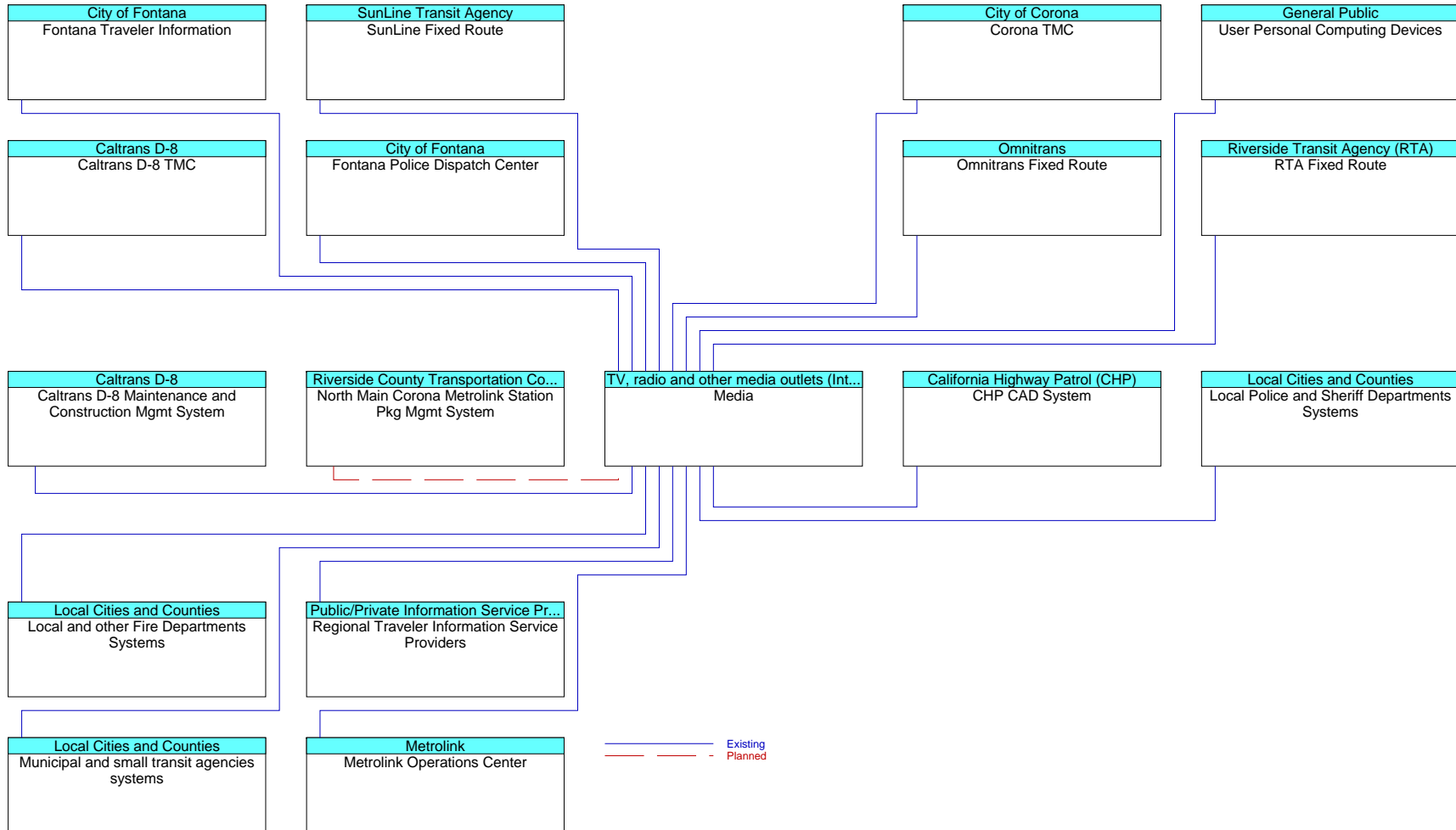
Stakeholder: **SunLine Transit Agency**
 Architecture Element: **SunLine Transit Vehicles**
 Architecture Flows Diagram



Existing
Planned



Stakeholder: **TV, radio and other media outlets (Internet, kiosks, etc.)**
 Architecture Element: **Media**
Interconnect Diagram



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Stakeholder: **TV, radio and other media outlets (Internet, kiosks, etc.)**
 Architecture Element: **Media**
 Architecture Flows Diagram

