

Assembly Bill 744: Transportation Data Program

Kick-Off Workshop | December 17, 2024 | 10:00 AM – 12:00 PM



Agenda

- AB 744 Overview
- Transportation Data Program Work Plan
- Next Steps

The workshop slides and recording will be available on the CTC's AB 744 webpage after the workshop.

AB 744 Overview

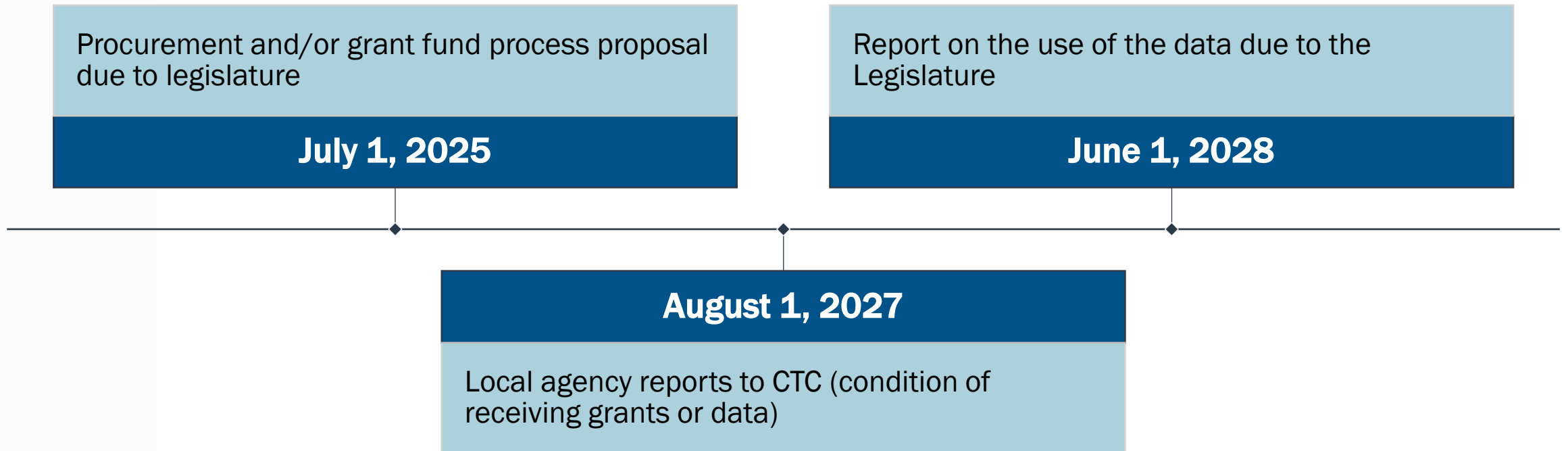
Bill Requirements

1. Work with other state agencies to **assess existing data, modeling, and analytic software tools.**
2. **Identify** any data/data tool needs.
3. **Identify general types of data sources, desired data outputs, and modeling parameters** that may be used by state and local agencies to allow for high-level consistency of data
4. **Propose a procurement process** to grant access to data and tools the CTC procures directly, **or a direct funding process** to local agencies for data and tools

AB 744 Proposal Options

- **Propose a direct funding process**
 - In this scenario, the Commission would likely create a funding program. Agencies could apply for funds and, if awarded, procure data and modeling tools on their own behalf.
- **Propose a procurement process**
 - In this scenario, the Commission, in partnership with Caltrans, would procure data platforms and grant access to local and regional agencies through a statewide data hub.

Statutory Timeline



Transportation Data Program Work Plan

Phase 1: Assess existing tools and identify data needs

- **A. Assess existing transportation modeling and data tools (November 2023 – October 2024)**
 - I. Meet with local, regional, and state partners to assess existing tools
 - CTC staff met with 15 agencies
 - II. Collaborate with Caltrans to identify existing tools
 - Caltrans developed an inventory of data tools used by regional partners, with associated parameters, outputs, and costs

Phase 1: Assess existing tools and identify data needs

- **B. Identify data tool needs** (November 2023 – October 2024)
 - I. Meet with local and regional governments to identify data needs
 - CTC staff met with 15 agencies
 - II. Survey local and regional agencies on common data outputs required for planning and reporting
 - CTC staff received 6 responses to survey included in SB 1121 outreach
 - Caltrans surveyed MPOs on required data outputs, received 18 responses

AB 744 Meetings

- **Southern California**

- LA Metro
- Orange County Transportation Authority
- Riverside County Transportation Commission
- Southern California Association of Governments

- **Bay Area**

- Contra Costa Transportation Authority
- Metropolitan Transportation Commission
- San Mateo County Transportation Authority
- Sonoma County Transportation Authority

- **Central Coast**

- Association of Monterey Bay Area Governments
- San Luis Obispo Council of Governments
- Santa Barbara County Association of Governments

- **Central Valley**

- Madera County Transportation Commission

- **Northern California**

- Glenn County
- Humboldt County Association of Government
- Shasta Regional Transportation Agency

AB 744 Survey Respondents

- Fresno Council of Governments
- Kern Council of Governments
- Riverside County Transportation Commission
- San Luis Obispo Council of Governments
- Siskiyou County Local Transportation Commission
- Tehama County Transportation Commission

Caltrans MPO Survey Respondents

- Association of Monterey Bay Area Governments
- Butte County Association of Governments
- Fresno Council of Governments
- Kern Council of Governments
- Kings County Association of Governments
- Madera County Transportation Commission
- Merced County Association of Governments
- Metropolitan Transportation Commission
- Sacramento Area Council of Governments
- San Diego Association of Governments
- San Joaquin Council of Governments
- San Luis Obispo Council of Governments
- Santa Barbara County Association of Governments
- Shasta Regional Transportation Agency
- Southern California Association of Governments
- Stanislaus Council of Governments
- Tahoe Metropolitan Planning Organization
- Tulare County Association of Governments

Key Themes from Engagement

- **High cost of data tools:** There is a high cost barrier for many data tools. Additionally, there is a concern that some funding opportunities will go away if the state controls data access.
- **Technical assistance for small agencies:** Many small agencies lack resources and technical expertise on data tools.
- **Collaboration and best practices:** Agencies are eager to learn from each other's experiences and best practices. Additionally, there is a need to standardize outputs to ensure data is usable for different purposes.

Summary of Data Tools and Outputs

| Tools | Outputs |
|--|--|
| <ul style="list-style-type: none">• ArcGIS• BentleyCube• Caliper Trans CAD• EMME• Geotab• INRIX• LOCUS• NPMRDS (National Performance Management Research Data Set)• PeMS (Performance Measurement System)• Replica• RITIS (Regional Integrated Transportation Information System)• StreetLight• StreetSaver• Teralytics | <ul style="list-style-type: none">• Travel Time• VMT• Safety• Air Quality• Encouraging Transit• Pavement and Bridge Condition• System Performance• Congestion Management• Economic Prosperity• Cost Effectiveness |

Phase 2: Identify Data Sources and Develop Program Proposal

- **A. Identify general types of data sources, desired data outputs, and modeling parameters (August 2024 – March 2025)**
 - I. Develop list of data sources, associated outputs, and costs
 - II. Meet with companies to clarify tool parameters, as necessary.
 - III. Gather feedback on the list of tools

Phase 2: Identify Data Sources and Develop Program Proposal

- **B. Develop legislative proposal** (December 2024 – June 2025)
 - **I. Develop draft proposal** (December 2024 – February 2025)
 - Proposal to include:
 - Statutory authority and goals
 - Potential data sources and tools
 - Guidance on data elements consistently used in planning and reporting
 - Best practices for the use of data
 - Process for granting access to data/allocating funding to agencies:

Phase 2: Identify Data Sources and Develop Program Proposal

- **B. Develop proposal for legislature (December 2024 – June 2025)**
 - I. Workshop #1 (December 2024)
 - II. Incorporate feedback, continue outreach (December 2025 – January 2025)
 - III. Update Commissioners on work plan (January 2025)
 - IV. Post Draft Proposal (Tentative – February 2025)
 - V. Workshop #2 (Tentative - February 2025)
 - VI. Provide update at March Commission Meeting (Tentative – March 2025)
 - VII. Workshop #3 if necessary (Tentative - April 2025)
 - VIII. Incorporate feedback from Commissioners and workshop participants (Tentative - February 2025 – April 2025)
 - IX. Present Draft Proposal to Commission (Tentative - May 2025)
 - X. Present Proposal to Commission for adoption (Tentative - June 2025)
 - XI. Submit Proposal to Legislature (Tentative - July 2025)

Next Steps

Next Steps

- Bookmark the [AB 744 Transportation Data Program webpage](#).
- Email AB744@catc.ca.gov if you'd like to join the program's distribution list.
- Contact us if your agency would like to:
 - Participate in a meeting with CTC staff to discuss data needs
 - Participate in the survey sent out earlier this year

CTC Contacts

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Thank you

