

City Council
August 27, 2026

Stockton Avenue Bridge Existing Conditions Assessment and Project Development Services

Stockton Bridge Project Development

What We Know Today

Completed Investigations

- Structural condition evaluation
- Hydraulic and scour analyses
- Utility investigations
- Initial traffic and circulation review
- Debris-mitigation feasibility study

Bridge Status

- Current inspections support continued use
- Portions of the deck are deteriorated
- Reinforcing steel corrosion is present
- Hydraulic, scour and utility concerns require further evaluation
- Long-term seismic performance and remaining service life are not yet defined

Stockton Bridge Project Development

Existing Condition Study

Major Findings

- Estimated remaining service life: 5–10 years, though uncertain due to hidden deterioration
- Replacement planning should begin immediately

Study Conclusion

“While short-term maintenance can keep the bridge operational, the combination of advanced age, structural deterioration, hydraulic/scour risks, and seismic deficiencies make full bridge replacement the most practical and cost effective long-term solution. Planning should begin now to avoid higher risks, costs, and potential service disruptions in the near future. “

Stockton Bridge Project Development

April 9, 2026 Council Direction

Evaluate

- Rehabilitation and retrofit
- Deck replacement
- Bridge replacement options
- Historic preservation considerations
- Traffic and construction impacts
- Funding and implementation strategies
- Potential use of the Capitola Trestle during construction

Stockton Bridge Project Development

What Phase 1 Provides

Proposed Contract

- Existing-condition documentation
- Structural, seismic and hydraulic analysis
- Traffic and utility evaluation
- Environmental and historic constraints review
- Stakeholder outreach
- Basis for developing alternatives

Future Phase 2

- Develop and compare alternatives
- Alternative-specific cost estimates
- Service-life and construction comparisons
- Permitting considerations
- Council decision on whether and how to proceed

Available funding is sufficient to complete Phase 1. Phase 2 would require additional funding and separate Council authorization

Stockton Bridge Project Development

Phase 1 Scope and Budget

Project Definition and Funding Strategy — $35,680

- Define project needs and requirements
- Confirm potential funding pathway with Caltrans

Existing Conditions — $184,905

- Survey and geotechnical testing
- Traffic data and utility review
- Bridge-condition documentation

Technical Evaluation and Outreach — $206,827

- Structural, seismic, hydraulic and traffic analyses
- Environmental and historic evaluation
- Stakeholder outreach and Council presentation

Direct Expenses — $47,500

- Field testing, traffic control, permits, research, and other project costs

Total: $474,912

Stockton Bridge Project Development
Historic Evaluation and Outreach

Historic Resource Evaluation

- Documents bridge's historic significance
- Identifies requirements for future alternatives
- Does not determine whether bridge will be rehabilitated or replaced

Public and Stakeholder Outreach

- Identify community priorities and local concerns
- Document input for consideration during future alternatives development

Neither activity selects or recommends a bridge alternative

Stockton Bridge Project Development

Project Development Process

Phase 1 — Proposed Contract

- Existing conditions
- Technical investigations
- Constraints and opportunities
- Public and stakeholder input

Future Phase 2

- Develop alternatives
- Compare costs, service life and construction impacts
- Evaluate permitting and implementation
- Return to Council for direction

Later Phases

- Environmental review
- Preliminary and final design
- Construction

Each future phase requires separate funding and Council authorization



Stockton Avenue Bridge

— PROJECT DEVELOPMENT PROCESS —

PREVIOUS STUDIES (COMPLETED)

Existing studies identified deterioration, constraints, and key issues requiring additional evaluation

PREVIOUS STUDIES (COMPLETED)

- Debris Mitigation Feasibility Study
- Existing Conditions Assessment
- Structural Evaluation
- Hydraulic & Scour Analysis
- Utility Investigation
- Preliminary Traffic Evaluation

EXISTING CONDITIONS ASSESSMENT

Engineering investigations to develop comprehensive understanding of condition, constraints, opportunities, and long-term needs

WE ARE HERE!

PROPOSED AGREEMENT EXISTING CONDITIONS ASSESSMENT

- Structural Evaluation
- Planning-Level Seismic Evaluation
- Hydraulic & Scour Analysis
- Utility Assessment
- Traffic Analysis
- Environmental Constraints
- Historic Resource Evaluation
- Project Purpose & Need
- Stakeholder Outreach

POTENTIAL FUTURE PHASES

(SUBJECT TO FUTURE CITY COUNCIL AUTHORIZATION & FUNDING)

ALTERNATIVES EVALUATION

Develop and compare rehab, retrofit, deck replacement, replacement, and no improvement alternatives

CITY COUNCIL REVIEWS ALTERNATIVES

Review alternatives and:

- Select an alternative
- Authorize the next phase of project
- Stop work

ENVIRONMENTAL REVIEW & PRELIMINARY DESIGN

Complete environmental review and obtain required approvals

DESIGN & PERMITTING

Prepare final design, right-of-way (if needed), and permits

CONSTRUCTION

Construct the selected improvement, subject to future funding and City Council authorization

POTENTIAL FUTURE PROJECT DEVELOPMENT

After the current assessment, the project could move through the following future phases, subject to City Council approval and available funding:

- Alternatives Evaluation
- Environmental Review
- Preliminary Engineering
- Final Design
- Right-of-Way, if needed
- Construction

CITY OF CAPITOLA
FOUNDED 1872
INCORPORATED 1949

Stockton Bridge Project Development
Fiscal Impact

Available Project Funding

- Dept of Water Resources flood mitigation grant: $500,000
- Previously appropriated City funding: $350,000
- Total project budget: $850,000

Funding Status

- $351,000 expended on prior investigations; approximately $499,000 remains
- Proposed Phase 1 agreement: $474,912
- **Next anticipated step: Task 4 – Alternatives Analysis ($174,908)**
- No additional appropriation proposed at this time

Stockton Bridge Project Development

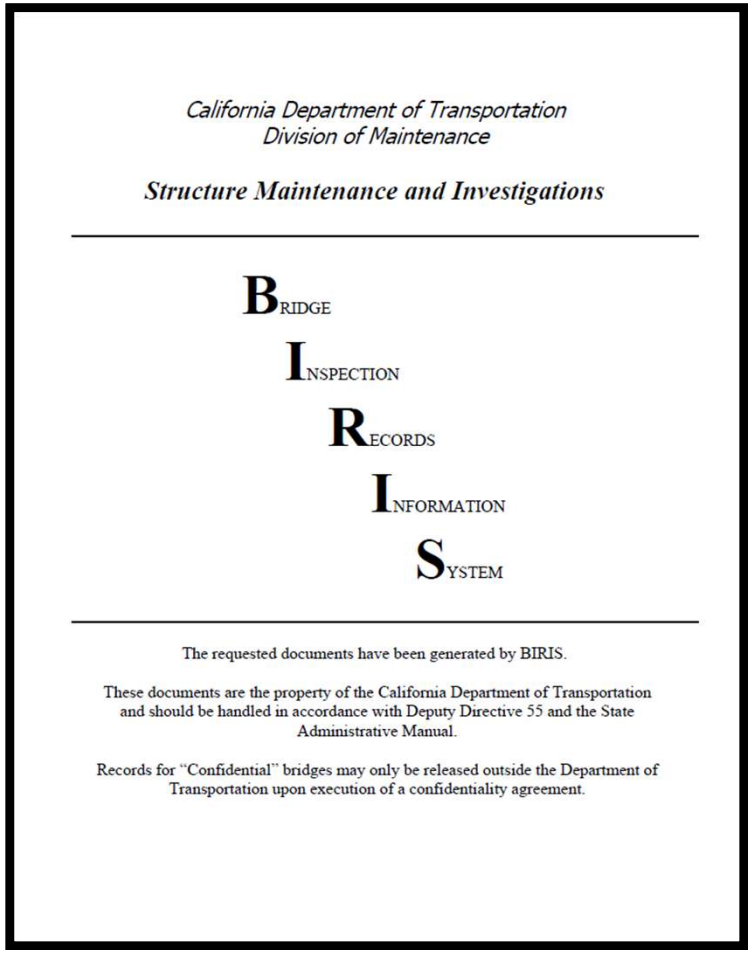
What About Caltrans Inspections?

Routine bridge inspections determine if bridge can remain safely in service

- They do not provide engineering needed to compare long-term rehabilitation, retrofit or replacement options

City has already conducted far more detailed inspections, and found issues

- Structural and seismic deficiencies
- Hydraulic and scour constraints



California Department of Transportation
Division of Maintenance

Structure Maintenance and Investigations

BRIDGE
INSPECTION
RECORDS
INFORMATION
SYSTEM

The requested documents have been generated by BIRIS.

These documents are the property of the California Department of Transportation and should be handled in accordance with Deputy Directive 55 and the State Administrative Manual.

Records for "Confidential" bridges may only be released outside the Department of Transportation upon execution of a confidentiality agreement.

Stockton Bridge Project Development

Why Not Just Start Design on a Project Now

Because…

- Would be working outside Caltrans bridge funding process – unlikely to be competitive for non-City funding
- Prior studies suggest, but do not confirm, other structural and scour issues
- No studies yet completed on seismic safety of the 1928 sub-structure

Recommended Action

Authorize City Manager to execute a Professional Services Agreement with CSW/ST2 for Stockton Avenue Bridge existing-conditions assessment and project-development services in an amount not to exceed $474,912.

