

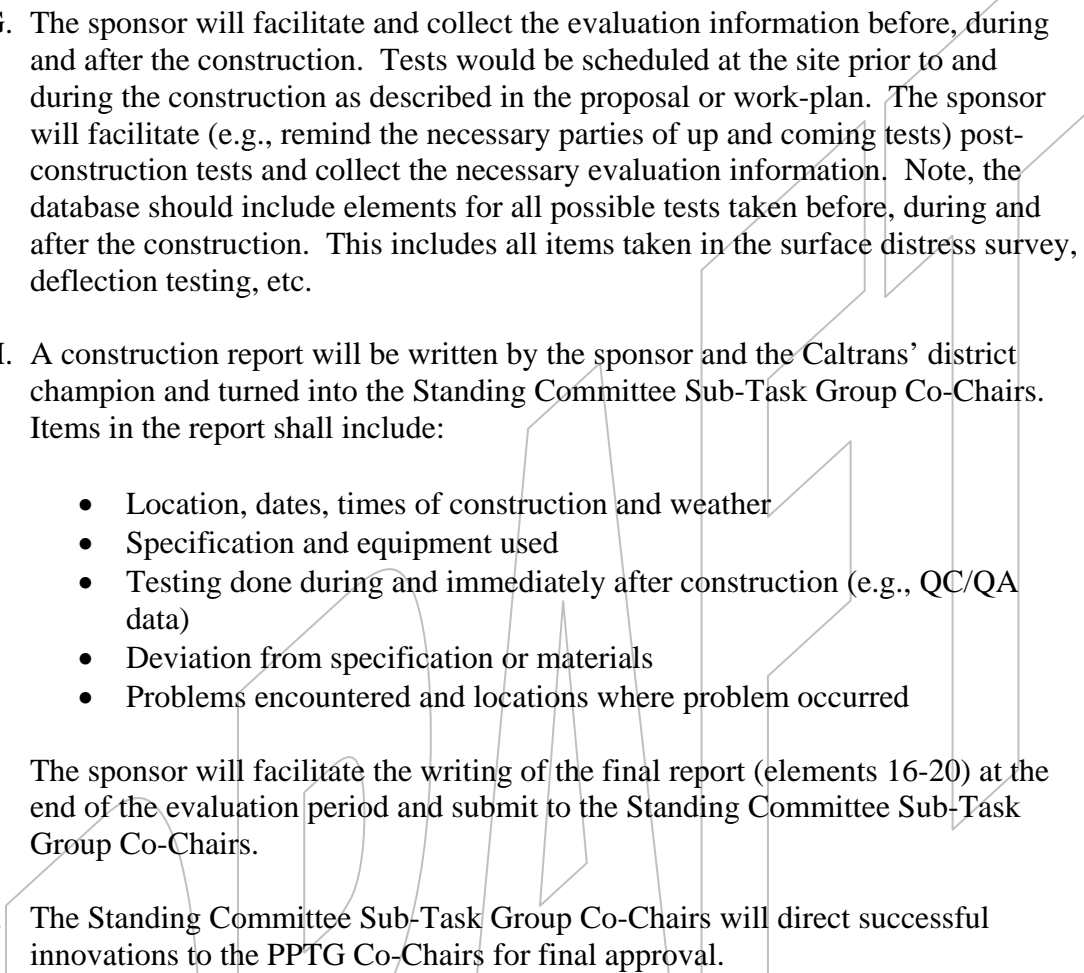
Innovation Process Flow Chart

Innovation Process

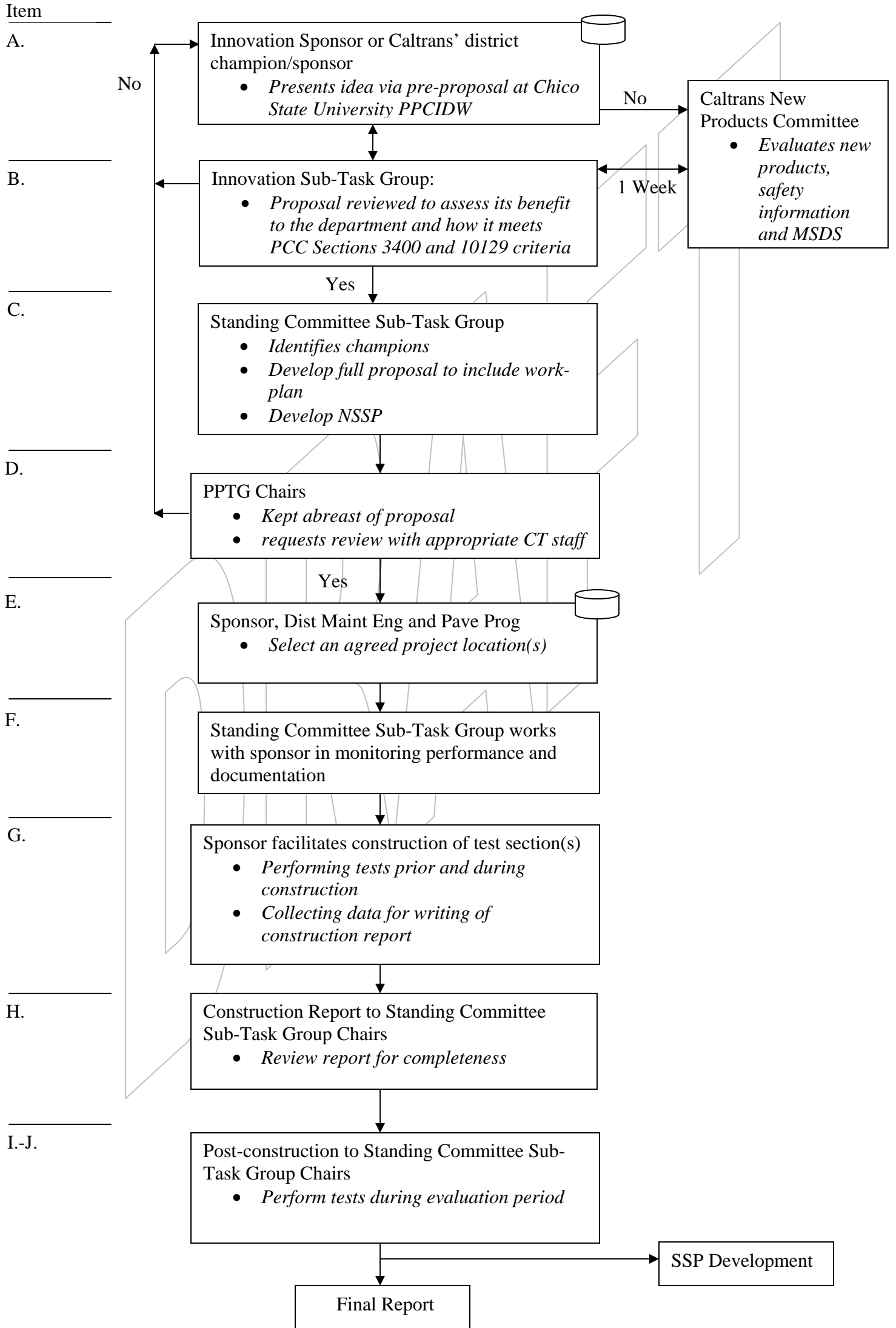
The department encourages individuals, companies, vendors, and suppliers to propose innovative ideas that can be a benefit to department and traveling public. These ideas can be evaluated to validate any claim made by the innovator. The department will assess the value of the innovative ideas and determine whether it could be used on state projects. The following is the current process for proposing an innovative idea.


- A. The sponsor of the innovation or the Caltrans' district champion/sponsor will provide information on the innovation electronically using the pre-proposal format (elements 1-7) at the Chico State University Pavement Preservation Center Innovative Database Website (http://www.ecst.csuchico.edu/cp2c/innovation_database/innovation_database.php). The submittal will automatically generate an email to the Innovation Sub-Task Group Caltrans Co-Chairs stating that the innovation proposal has been submitted for review.
- B. The Innovation Sub-Task Group Caltrans Co-Chairs will share the proposal with the Innovation Sub-Task Group Industry Co-Chairs. The Innovation Sub-Task Group Co-Chairs will perform an initial review of the proposal for completeness. If not complete, the proposal will be sent back to the sponsor of the innovation requesting additional information. If the proposal is complete the Innovation Sub-Task Group Co-Chairs will then circulate the proposal to the other Innovation Sub-Task Group members for comments. The Innovation Sub-Task Group will assess the innovative idea and determine if it is beneficial to the department and warrants further evaluation. The committee will also need to make sure that the proposal is not proprietary as defined in Public Contract Code (PCC) sections 3400 and 10129, can have a generic specification and warrants a performance evaluation test period. This will be accomplished via email to the membership and would require comments within one week. No comments implies acceptance. If the Innovation Sub-task Group members reject the proposal, the sponsor may modify the proposal and re-submittal. If the Innovation Sub-task Group finds the proposal acceptable, the Innovation Subtask Group Co-Chairs will then forward the proposal to the appropriate Standing Committee Subtask Group Co-Chairs associated with the strategy for a proposed work-plan for evaluating and monitoring.
- C. The appropriate Standing Committee Sub-Task Group, with the assistance of the sponsor of the innovation, and Caltrans' district champion/sponsor, will develop a work-plan to create a generic specification, define project selection criteria, and a monitoring and evaluation plan.
- D. The Pavement Preservation Task Group (PPTG) Co-Chairs will be kept abreast as to the status of the proposed innovation by the Standing Committee Sub-Task Group Co-Chairs. This information can then be shared with the Rock Products Co-Chairs when necessary.
- E. When agreed upon by the Standing Committee Sub-Task Group Co-Chairs, the finished proposal, work plan and comments are entered in to database by the sponsor or district champion of the innovation. The sponsor or district champion will work with the District Maintenance Engineers and the Pavement Program to target a project or projects to place the strategy on for monitoring and evaluating. The sponsor or district champion will be responsible for arranging all monitoring and evaluating of the project or projects that the strategy was placed on.
- F. The Standing Committee Sub-Task Group Co-Chairs will be responsible to work with the sponsor to ensure the schedule established is adhered to and that all necessary monitoring is successfully performed and documented.

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- G. The sponsor will facilitate and collect the evaluation information before, during and after the construction. Tests would be scheduled at the site prior to and during the construction as described in the proposal or work-plan. The sponsor will facilitate (e.g., remind the necessary parties of up and coming tests) post-construction tests and collect the necessary evaluation information. Note, the database should include elements for all possible tests taken before, during and after the construction. This includes all items taken in the surface distress survey, deflection testing, etc.
- H. A construction report will be written by the sponsor and the Caltrans' district champion and turned into the Standing Committee Sub-Task Group Co-Chairs. Items in the report shall include:
- Location, dates, times of construction and weather
 - Specification and equipment used
 - Testing done during and immediately after construction (e.g., QC/QA data)
 - Deviation from specification or materials
 - Problems encountered and locations where problem occurred
- I. The sponsor will facilitate the writing of the final report (elements 16-20) at the end of the evaluation period and submit to the Standing Committee Sub-Task Group Co-Chairs.
- J. The Standing Committee Sub-Task Group Co-Chairs will direct successful innovations to the PPTG Co-Chairs for final approval.

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 = database entry