



COLORADO
Department of Transportation
Office of the Chief Engineer

DESIGN BULLETIN

Division of Project Support
Project Development Branch
Standards and Specifications Unit

Systems Engineering Analysis (SEA) Process
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Systems Engineering Analysis (SEA) Process

As of September 1, 2021, projects will follow the revamped Systems Engineering Analysis (SEA) process. The SEA will no longer be a part of the Operations Evaluation. This revamped SEA process is described in the new section 4.13 of the *Project Development Manual*.

New section 4.13 in the *Project Development Manual* explains the SEA requirements and individual responsibilities.

In addition, section 2.07.03.02 is revised to reflect the new SEA process.



4.13_Systems_Engi
neering_Analysis_SEA



Section_2.07.03.02_
Safety_Evaluation_fc

Form 1048 has been updated to include an entry for section 4.13 and is available in the forms library.

For additional, detailed information on requesting and completing the evaluation, refer to the following websites:

<https://www.codot.gov/programs/intelligent-transportation-systems/systems-engineering-analysis-sea/systems-engineering-analysis-sea>

<https://sites.google.com/state.co.us/its-network-services/program-support/sea-process?authuser=1>

References:

Design Bulletins can be found on the CDOT website at:

https://www.codot.gov/business/designsupport/bulletins_manuals/design-bulletins

The Project Development Manual can be found on the CDOT website at:

https://www.codot.gov/business/designsupport/bulletins_manuals/project-development-manual

Additional Guidance documents can be found on the CDOT website at:

https://www.codot.gov/business/designsupport/bulletins_manuals/adg