



**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**  
2021 Number 3, Page 1 of 1  
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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\_Engin  
eering\_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](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](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](https://www.codot.gov/business/designsupport/bulletins_manuals/adg)