



ARAPAHOE COUNTY

Infrastructure Design and Construction Standards (IDCS) 2024 Adoption

Board of County Commissioner
Public Hearing March 11, 2025



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Background

- IDCS were last revised in 2019 with minor modifications
- When County's review process changes, the IDCS should be updated
- IDCS needs to refer to recent technical design/information



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Summary of Highlighted Changes

- Reorganized chapters to improve the flow of information.
- Updated the Roadway Classification nomenclature and right-of-way requirements to align with the 2040 Transportation Master Plan.
- Updated roadway design requirements to meet latest design standards and references to the most current sources.



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Summary of Highlighted Changes

- Addition of flashfill as acceptable backfill material.
- Update to the Engineering Unit Cost
- Engineer's Cost Estimate need to be prepared by a licensed Engineer in Colorado.
- Checklists were added in Appendix F.
- Reformatted the document for ease of use.



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Internal Feedback

- Processes must mimic post covid era of electronic submissions.
- Conform to current edition of standards, manuals or policies.
- Include Traffic Signal Design Standard and Specification as appendix
- Include Pavement Marking Standards as appendix



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External Feedback

- Comments indicated that the IDCS was too long and needed to be easy to read for any consumer.
- Multimodal transportation (i.e. bicycle and pedestrian) was not considered and existing criteria was automobile-centric.
- Limit building construction as there is not enough water supply.
- Need to build strategic oil reserves back to maximum

Questions?

Ceila Rethamel, PE, PMP, CWP

Engineering Services Division

