

Chapter	Page Number	Section	Proposed Changes	Technical Revision or Policy Related
1	Page 1-18	Section 1.9.2.B.2	Edit language for On-Site Criteria and Off-Site Criteria to be easier to read	Technical Revision
2	Page 2-1	Section 2.1.2	Move "Construction Traffic Control Plans" to Section 2.2.6 for more appropriate chapter location	Technical Revision
2	Page 2-2	Section 2.1.2	Change title from Public Improvements Construction Plans to Construction Plans. More discussion needed	Technical Revision
2	Page 2-3	Section 2.2.3	Revise Section B to indicate "Landscape Plans to comply with Local Entity's current requirements"	Technical Revision
2	Page 2-3	Section 2.2.11	Mylar Requirements. "Refer to each Local Entity for the specific mylar requirements"	Technical Revision
2	Page 2-4	Section 2.2.12	Minor Field Change Request Form. Other jurisdictions may use. More discussion needed	Technical Revision
2	Page 2-6	Section 2.3.2	Text removed and instead reference Loveland Municipal Code Title 18	Technical Revision
3	Page 3-1	Section 3.1.2	Change "Final Mylar Drawings" to "Final Drawings" and update to keep up with technology updates. More discussion on electronic scan of mylars needed	Technical Revision
3	Page 3-1	Section 3.1.3	Vertical Datum. Change to "Local Entity's Vertical Datum"	Technical Revision
3	Page 3-1	Section 3.1.4	Expiration of Plan Set - Change title to be consistent with what title is decided for Section 2.2.2	Technical Revision
3	Page 3-2	Section 3.2.2	22"x34" Plans as an option so 11"x17" can be true half-size	Technical Revision
3	Page 3-3	Section 3.2.6	Remove "wet stamped" plan requirements & allow electronic PE stamps per Colorado Board of Registration requirement	Technical Revision
3	Page 3-4	Section 3.2.7	Instead of 1"=20' for all Signing & Striping Plans. Plans should be legible as determined by the Local Entity Engineer	Technical Revision
3	Page 3-4	Section 3.2.7	Remove scale requirements for Key Map & Vicinity Map. Instead Key Map & Vicinity Map shall be legible	Technical Revision
3	Page 3-4	Section 3.2.12	Legend of Symbols. Each symbol & linetype should be on the cover sheet or each sheet	Technical Revision
3	Page 3-5	Section 3.3.1	Identification Statement. For Loveland, use signature block instead	Technical Revision
3	Page 3-5	Section 3.3.1.F	Preamble (Project Title) - Layout doesn't follow what FC uses for Utility Plans. Does FC need their own section? More discussion needed	Technical Revision
3	Page 3-9	Section 3.3.A.7	Add language "shall conform to local, state, and federal requirements including SB18-167"	Technical Revision
3	Page 3-9	Section 3.3.4.D	Cross-Sections - Two sections (e. and f.) should be COL only.	Technical Revision
5	Page 5-2	Section 5.2.1.C	Lower values to have a liquid limit greater than 30 and a plasticity index greater than 15 for higher quality fill for ROW grading. Fort Collins only	Technical Revision?
5	Page 5-4	Section 5.4	Fix reference error and reference Table 5.1	Technical Revision
5	Page 5-5	Section 5.5.1	change PICPs to "Civil Construction Plans"	Technical Revision
5	Page 5-6	Section 5.6.1.B	The requested waiver shall be signed and stamped by a Colorado Professional Engineer	Technical Revision
5	Page 5-7	Section 5.6.2.A	Remove low impact development systems from #5 and add to #6. Add low impact development systems, over-watering lawns, subsurface irrigation, etc	Technical Revision
5	Page 5-7	Section 5.6.2.A.9.b	Loveland will check with utilities to see if drain lines may be installed with sanitary sewer trench. I believe Loveland utilities recently said no.	Technical Revision
6	Page 6-1	Section 6.1.1.E	Change to "Construction Management Plans (Fort Collins only)". Also do we want to include F. "Lane rental fees (Fort Collins only)"	Technical Revision?
6	Page 6-2	Section 6.1.1.F	Hazardous Materials. Changed wording to "All moving of hazardous materials must be permitted through the State of Colorado"	Technical Revision
6	Page 6-2	Section 6.1.1.I	Delete section I	Technical Revision
6	Page 6-2	Section 6.1.2	Add language that indicates Blasting Permits are to be acquired through the local Fire Authority	Technical Revision
6	Page 6-4	Section 6.1.7.A.6	Add language to Refer to Chapter 25, Reconstruction and Repair for additional information	Technical Revision
6	Page 6-4	Section 6.1.7.A.11	Change notification from 24 hours to 48 hours. Fort Collins to check	Technical Revision
6	Page 6-5	Section 6.1.7.B.1	"Plan" changed to "Traffic Control Plan (Plan)"	Technical Revision
6	Page 6-5	Section 6.1.7.B.2	"Engineer" changed to "Local Entity Engineer"	Technical Revision
6	Page 6-5	Section 6.1.7.B.4.b	Change text from "One Call" to "Colorado 811"	Technical Revision
6	Page 6-6	Section 6.1.7.B.7	"Engineer" changed to "Local Entity Engineer"	Technical Revision
6	Page 6-6	Section 6.1.7.B.8	"faxing" changed to "emailing"	Technical Revision
6	Page 6-7	Section 6.1.8.A	Stop work fine changed from a specific dollar amount to "Per the Local Entity's requirements"	Technical Revision
6	Page 6-7	Section 6.1.8.B	Title changed to "Mitigation Expenses for Unsafe or Untimely Performance"	Technical Revision
6	Page 6-8	Section 6.1.9.A	Text changed to "Developer is responsible to provide insurance prior to any work"	Technical Revision
6	Page 6-9	Section 6.1.10	Loveland to be included in Licensing. "Licensing in Fort Collins and Loveland (City Limits)"	Technical Revision
6	Page 6-10	Section 6.2.1	Delete Appendix E-6 reference	Technical Revision
6	Page 6-11	Section 6.2.2.A	Public Improvements Opinion of Cost are to be signed and stamped by a P.E.	Technical Revision
6	Page 6-11	Section 6.2.3	Separate preconstruction meetings for utilities, if needed, are the responsibility of the Developer to coordinate	Technical Revision
6	Page 6-11	Section 6.2.3.B	Text changed to "For the items required prior to the DCP meeting, contact the Local Entity Engineer..."	Technical Revision
6	Page 6-12	Section 6.2.4	Delete 1-4. Already taken care of through the routing process	Technical Revision
6	Page 6-13	Section 6.2.4	Added "DCP" text to 11 and 12 (i.e. "Applicant's signature on the DCP")	Technical Revision
6	Page 6-13	Section 6.2.5	Wording changed to improve grammar. "DCP" text also used instead of "permit"	Technical Revision
6	Page 6-14	Section 6.2.6.B	Reference surety agreement	Technical Revision
6	Page 6-14	Section 6.2.6.C	Reduction of the surety based on the level of completion of the project	Technical Revision
6	Page 6-14	Section 6.2.6.C.3	"Engineering Division" changed to "Local Entity Engineer"	Technical Revision
6	Page 6-15	Section 6.3.1	"Public Improvement Construction Plans" changed to "Civil Construction Plans"	Technical Revision
6	Page 6-15	Section 6.3.2	Text changed to "The permit application and information is available on the Local Entity's website"	Technical Revision
6	Page 6-17	Section 6.4	Removed text and instead reference to contract the local entity for the revocable encroachment permit application	Technical Revision
6	Page 6-17	Section 6.5.1	Refer to local entity for permit requirements	Technical Revision
6	Page 6-18	Section 6.5.2.A	Notification of house move changed from 24 hours to 72 hours. Also applicant required to obtain all necessary permits...	Technical Revision
6	Page 6-19	Section 6.5.2.B	Text added. Permits are issued for a single move, which can contain multiple structures.	Technical Revision
6	Page 6-20	Section 6.6	Permit for house numbers on curbs text deleted	Technical Revision
6	Page 6-20	Section 6.6.A	"floggers" changed to "flaggers"	Technical Revision
6	Page 6-21	Section 6.6.B	Stockpiling Permit text removed. Instead refer to Local Entity for permit application and requirement	Technical Revision
6	Page 6-22	Section 6.7	Deleted text on fees. Instead refer to Local Entity for current requirements and fees	Technical Revision
7	Page 7-1	Section 7.5.1.1	Landscaping - Adding language on Waterwise Landscape	Technical Revision
7	Page 7-1	Section 7.2.1	Signs shall be placed at the end of roads planned for future road extension:	Technical Revision
7	Page 7-3	Section 7.2.3.B	No direct access to residential driveways from Collector Streets (Loveland only)	Technical Revision
7	Page 7-4	Section 7.1.A.1.2	Minimum Tangent Length. In constrained or re-development areas allowed some flexibility on the minimum tangent length (see text)	Technical Revision
7	Page 7-7	Table 7.2	Table 7.2 Loveland. Detached sidewalks required for all streets other than alleys. 28' wide FL-FL for primary access alleys	Policy Revision?
7	Page 7-7	Table 7.2	Restrict direct access on Minor Collector Streets for residential driveways	Technical Revision?
7	Page 7-8	Table 7.3	Table 7-3 Fort Collins. Use current AASHTO numbers for Stopping Sight Distance	Technical Revision
7	Page 7-8	Table 7.3	Table 7-3 Fort Collins. Use current AASHTO K values for vertical curves	Technical Revision
7	Page 7-10	Table 7.4	Table 7-4 Loveland. Loveland to use current AASHTO K values?	Technical Revision
7	Page 7-11	Table 7.5	Min. Arc Length for Lanes and Primary access alleys = 100'	Technical Revision
7	Page 7-12	Section 7.4.1.B.2	Minimum Flowline Grades. Minimum FL grade of cul-de-sacs shall be 1.0 percent	Technical Revision
7	Page 7-12	Section 7.4.1.B.3	Grade Breaks. Change from 0.4 percent to 0.5 percent	Technical Revision
7	Page 7-12	Section 7.4.1.B.6	Vertical Clearance. Minimum vertical clearance changed from 13.5 feet to 16.5 feet	Technical Revision
7	Page 7-13	Section 7.4.1.C.1	Stopping sight distance changed to be consistent with latest AASHTO requirements	Technical Revision
7	Page 7-13	Table 7.6	Stopping and Passing sight distance changed to be consistent with latest AASHTO requirement:	Technical Revision
7	Page 7-16	Section 7.5.1.D	All barrier curbs shall be full depth and not glue down unless otherwise approved by the Local Entity Engineer	Technical Revision
7	Page 7-19	Section 7.6.4.C	Temporary turnarounds shall be paved or an all-weather recycled asphalt surface as approved by the Local Entity Engineer	Technical Revision
7	Page 7-20	Section 7.7.3.B	Subdrains systems must be owned and maintained by a private party other than the Local Entity	Technical Revision
7	Page 7-20	Section 7.7.3.C.1.k	Subdrain designer required to show locations of proposed subdrain and plan to avoid conflicts (i.e. Tree roots, etc.)	Technical Revision
7	Page 7-23	Section 7.8.4	Vertical Clearance. Change from 13.5 feet to 14.0 feet.	Technical Revision
7	Figure 7-1F	Figure 7-1F	Added striped buffered bike lane and protected bike lane option:	Policy Revision?
7	Figure 7-2F	Figure 7-2F	Added striped buffered bike lane and protected bike lane option:	Policy Revision?
7	Figure 7-3F	Figure 7-3F	Added striped buffered bike lane and protected bike lane option:	Policy Revision?
7	Figure 7-4F	Figure 7-4F	Added striped buffered bike lane and protected bike lane option:	Policy Revision?
7	Figure 7-5F	Figure 7-5F	Added Buffered bike lanes	Policy Revision?
7	Figure 7-6F	Figure 7-6F	Added Buffered bike lanes. Added 5' (min.) sidewalk width and 8' (min.) parkway width	Policy Revision?
7	Figure 7-7F	Figure 7-7F	Added 5' (min.) sidewalk width and 8' (min.) parkway width	Policy Revision?
7	Figure 7-8F	Figure 7-8F	Added 5' (min.) sidewalk width and 8' (min.) parkway width	Policy Revision?
7	Figure 7-9F	Figure 7-9F	Added 5' (min.) sidewalk width	Policy Revision?
8	Page 8-2	Section 8.2.5	Added definition of vph to "Definitions of Terms" in Section 1.7	Technical Revision
8	Page 8-3	Section 8.2.6.C	Modified text in Section C to further describe Figure 8-19	Technical Revision
8	Page 8-4	Section 8.2.8.B	Modified text in Section B from "want" to "is comment"	Technical Revision
8	Page 8-4	Section 8.2.8.B	Refer to Local Entity Engineer for which Bus turning template to use	Technical Revision
8	Page 8-4	Section 8.2.8.C	Refer to LCUASS Appendix I for roundabout turning template requirement:	Technical Revision
8	Page 8-6	Section 8.2.10.B.3	Gluedown Curb. Change text from "left-turn lane" to "auxiliary lane" to leave possibilities open	Technical Revision
8	Page 8-7	Section 8.2.14.B	Reworded text to read better	Technical Revision
8	Page 8-8	Section 8.2.16	Roadway Narrowing may not be used on Major Collectors or Arterials without a Formal Variance per Section 1.9.4	Technical Revision
8	Page 8-8	Section 8.2.17	Roundabouts shall be designed in accordance with LCUASS Appendix	Technical Revision
9	Page 9-11	Figure 9-1	Figure 9-1 Access Spacing is missing from the on-line version	Technical Revision
9	Page 9-7	Section 9.3.3	Section 9.3.3 Sight Distance - reference the latest AASHTO criteria	Technical Revision
9	Page 9-8	Section 9.3.7.E	Maximum cross slope per latest ADA requirements	Technical Revision
9	Page 9-9	Section 9.4.1.H	In Loveland, garage doors that face an alley shall not be in an area less than 5 feet and 20 feet from the edge of pavement of the alley	Technical Revision
9	Page 9-10	Section 9.4.6.A	Driveways shall be concrete pavement within the public right-of-way	Technical Revision
9	Page 9-11	Section 9.4.10	Change in use updated to be consistent with CDOT State Highway Access Code (SHAC) criteria (20% or 100 total daily trips)	Technical Revision
10	Page 10-1	Section 10.1.2	Update to reference latest AASHTO. Also added "Mechanistic Empirical" design procedures may be substituted	Technical Revision
10	Page 10-3	Table 10-1	Added a note 7 to the Min. Structural Number in Table 10-1	Technical Revision
10	Page 10-6	Section 10.4.2	Referenced 10-1 and deleted alternate composite section text	Technical Revision
10	Page 10-7	Section 10.4.2.A.1	Changes 1/2" to 0.5 inch (Typical)	Technical Revision
10	Page 10-9	Section 10.5.1.B.3	Referenced latest edition of the CDOT Pavement Design Manual	Technical Revision
11	Page 11-1	Section 11.1.1	Remove old AASHTO structural standards from list	Technical Revision
11	Page 11-2	Section 11.1.3.A	Working Stress Design (WSD) text modified	Technical Revision
11	Page 11-2	Section 11.2.1.B	Text modified to clarify for spans greater than 20 feet	Technical Revision
11	Page 11-3	Section 11.2.4.B.3	Pedestrian load reduced from 85 psf to 75 psf per AASHTO Manual	Technical Revision
11	Page 11-5	Section 11.2.5.B.2	Design live loads per AASHTO	Technical Revision
11	Page 11-8	Section 11.3.2	Railings per AASHTO	Technical Revision
12	Page 12-1	Section 12.1	City of Fort Collins is looking to revise this graphic showing utilities	Technical Revision
12	Page 12-1	Section 12.2.1	Add sentence for Loveland see the Water and Wastewater Development Standards latest editor	Technical Revision
12	Page 12-1	Section 12.2.3.A	Add language to adjust 1/4 inch below the finished surface per Drawing 1201	Technical Revision
12	Page 12-1	Section 12.2.3.B	Add language facilities located within the sidewalk should be ADA compliant	Technical Revision
12	Page 12-2	Section 12.2.5.A	Add language indicating PVC sleeves should extend from ROW to ROW	Technical Revision
12	Page 12-2	Section 12.2.5.D	Private utilities shall be outside of the public ROW unless otherwise approved by the Local Entity Engineer	Technical Revision
12	Page 12-6	Section 12.2.6	Delete Sections A and B since they just refer to other sections	Technical Revision
12	Page 12-3	Section 12.2.6.C	Move this section to "Intersections"	Technical Revision
12	Page 12-4	Section 12.3.2.A	Refer to Local Entity's regulations for other systems (Cable TV, telephone, Broadband, Fiber Optic, Wireless Communications, etc.)	Technical Revision
12	Page 12-4	Section 12.3.2.C	Pole and sign locations shall conform to the MUTCD and AASHTO requirements	Technical Revision
12	Page 12-5	Section 12.3.3	Include fiber optics, broadband, wireless communications, etc.	Technical Revision
13	Page 13-1	Section 13.2.1	Update website link address	Technical Revision
13	Page 13-1	Section 13.2.2	Update website link address	Technical Revision
13	Page 13-1	Section 13.2.3	Include Fort Collins website link address	Technical Revision
13	Page 13-2	Table 13-1	Change title to "Standardization of Road Naming Criteria"	Technical Revision
14	Page 14-11	List of Figures	Update List of Figures to contain figures referenced in the text	Technical Revision
14	Page 14-3	Section 14.2.1.B.2	Streetsight fixtures as approved by the Local Entity	Technical Revision
14	Page 14-4	Section 14.2.1.B.1	Ped buttons per ADA Standards	Technical Revision
14	Page 14-5	Section 14.3.1.F	Signs shall comply with the MUTCD	Technical Revision
14	Page 14-7	Section 14.3.2.B	Add text to include detached sidewalk	Technical Revision
14	Page 14-9	Section 14.3.3.E	Also reference CDOT guide	Technical Revision
14	Page 14-11	Section 14.4.2.G	Coordinate with Appendix I to match roundabout signing and striping standard:	Technical Revision
15	Page 15-1	Section 15.1.2	Replaced "\$300 design electrical deposit" with "required electrical design deposit"	Technical Revision
16	Page 16-1	Section 16.1.2	Added Standards for Transportation Facilities as Published by the US Access Board and the Guidance on the 2010 Standards for Accessible Design	Technical Revision
16	Page 16-2	Section 16.2.1.D	Loveland to remove industrial areas exception for sidewalk upgrades and replace with unless otherwise approved by the Local Entity Engineer	Technical Revision
16	Page 16-2	Section 16.2.1.G	Change sidewalk thickness to 6" minimum. This was missed in the previous update.	Technical Revision
16	Page 16-2	Section 16.2.1.H	Change 1/4 inch per foot cross slope to less than or equal to 2%	Technical Revision
16	Page 16-3	Section 16.2.1.H.3	added "ramp" to text for clarity	Technical Revision
16	Page 16-3	Section 16.3.1.A.2	Added text "Driveways shall be positioned as to not preclude the necessary mid-block ramp"	Technical Revision
16	Page 16-5	Section 16.6.2	Added accessible paths to the text	Technical Revision
17	Page 17-1	Section 17.1.1	Included MUTCD and NACTO "Urban Bikeway Design Guide" in references	Technical Revision
17	Page 17-1	Section 17.1.6	Replace "utility" with "requirements and"	Technical Revision
17	Page 17-2	Section 17.2.1	Included protected bike lanes on arterial roadways in Fort Collins	Technical Revision
17	Page 17-3	Section 17.2.4	Added bicycle detection text	Technical Revision
17	Page 17-3	Section 17.2.5	Text revisions for bike facilities at intersections	Technical Revision
17	Page 17-4	Section 17.3.1.B	Changed text to be consistent with Figure 7-14	Technical Revision
17	Page 17-4	Section 17.3.2.A	Added text bike paths shall be routed to avoid the removal of any significant trees. Where possible bike paths should be a min. of 4' from tree:	Technical Revision
17	Page 17-4	Section 17.3.2.C	Add text that clarifies that vegetative material to be removed does not include significant trees	Technical Revision
17	Page 17-6	Section 17.3.9.A	replace "utilities department" with "requirements and standards"	Technical Revision
17	Page 17-7	Section 17.3.10.C	Removed text indicating slopes greater than 6 percent	Technical Revision
17	Page 17-8	Section 17.3.11.B	Revised text on Pedestrian and Bicycle Crossings to be consistent with current practices	Technical Revision
17	Page 17-9	Section 17.3.15.A	Added text that curb ramps shall meet ADA requirements	Technical Revision
17	Page 17-10	Section 17.4.1.B	For private bike parking facilities refer to LMC (Loveland only)	Technical Revision