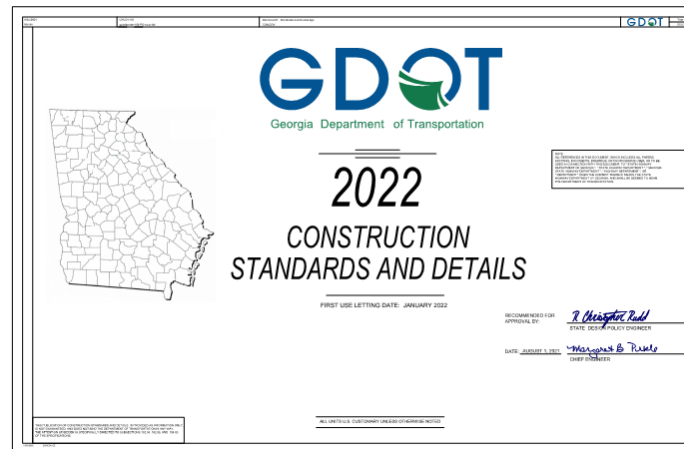




Construction Standards & Details Book (CS&D Book) User Guide



Office of Design Policy and Support
October 2021

CS&D Book Overview

- 1) GDOT CS&D Book – Description**
- 2) GDOT CS&D Book – Publication**
- 3) GDOT CS&D Book – Revisions**
- 4) Governing Descending Order**
- 5) Design - Workflow**
- 6) Construction – Workflow**
- 7) FAQ(s)**
- 8) Questions?**

1. GDOT CS&D Book - Description

The CS&D Book is an annual compilation of the approved construction standards and details for use on projects letting within a calendar year. The editions will be published to ROADS and named by the calendar year for which they are effective.

	<input type="checkbox"/>	Document Number	Document Title
▼		Publication Type: Current	
	<input type="checkbox"/>	00-2022	2022 Construction Standards and Details Book

<http://mydocs.dot.ga.gov/info/gdotpubs/ConstructionStandardsAndDetails/Forms/AllItems.aspx>

2. GDOT CS&D Book - Publication

- The First Effective Use Date for Each CS&D Book will be January of the Edition Year.
- Each year's CS&D Book will be published the July before the First Effective Use Date.
- This first edition will be published in September 2021.

Example 2.1:

2023 CS&D Book

First Effective Use Date: Jan 2023

Publication Date: July 2022

3. GDOT CS&D Book - Revisions

The CS&D Book will not be revised after its effective date (i.e., January of a given year). Revisions to standards and details that are published and made effective between January and December of a given year will be incorporated into the following year's CS&D Book.

- Between July and December, the next CS&D Book is technically subject to revision.
- Revised standards or details will need to be included in plans until they are incorporated in the following year's CS&D Book.

3. GDOT CS&D Book – Revisions(2)

Example 3.1:

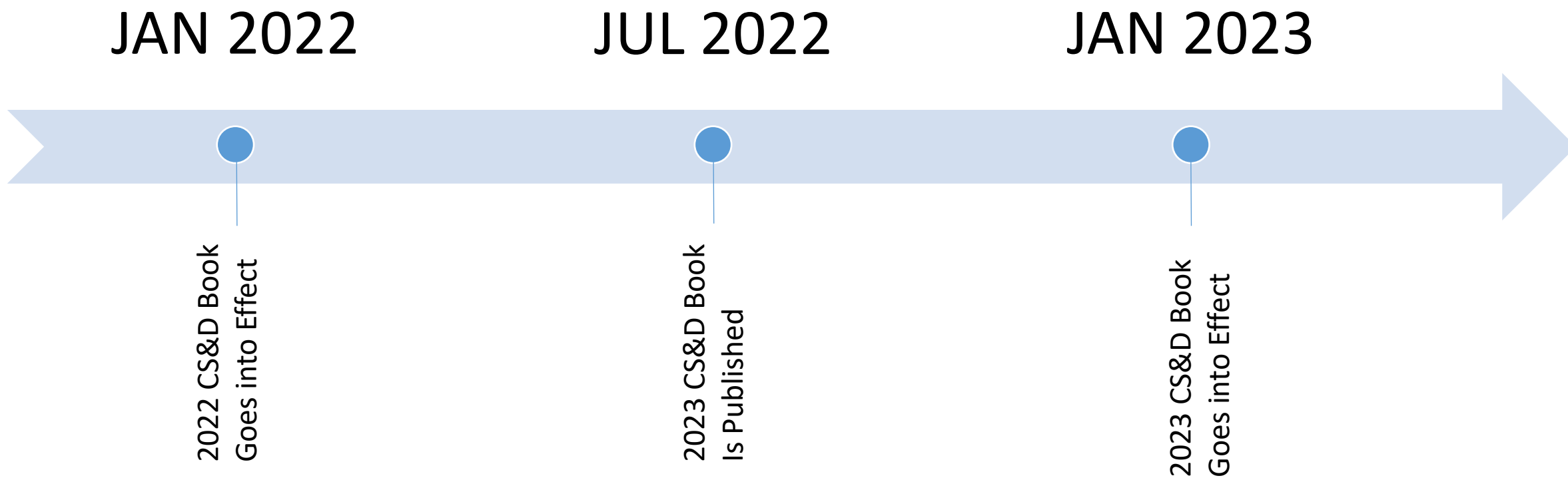
Jan 2022 – GDOT's 2022 CS&D Book is in effect for Lettings in Calendar Year 2022.

July 2022 – GDOT's 2023 CS&D Book is published.

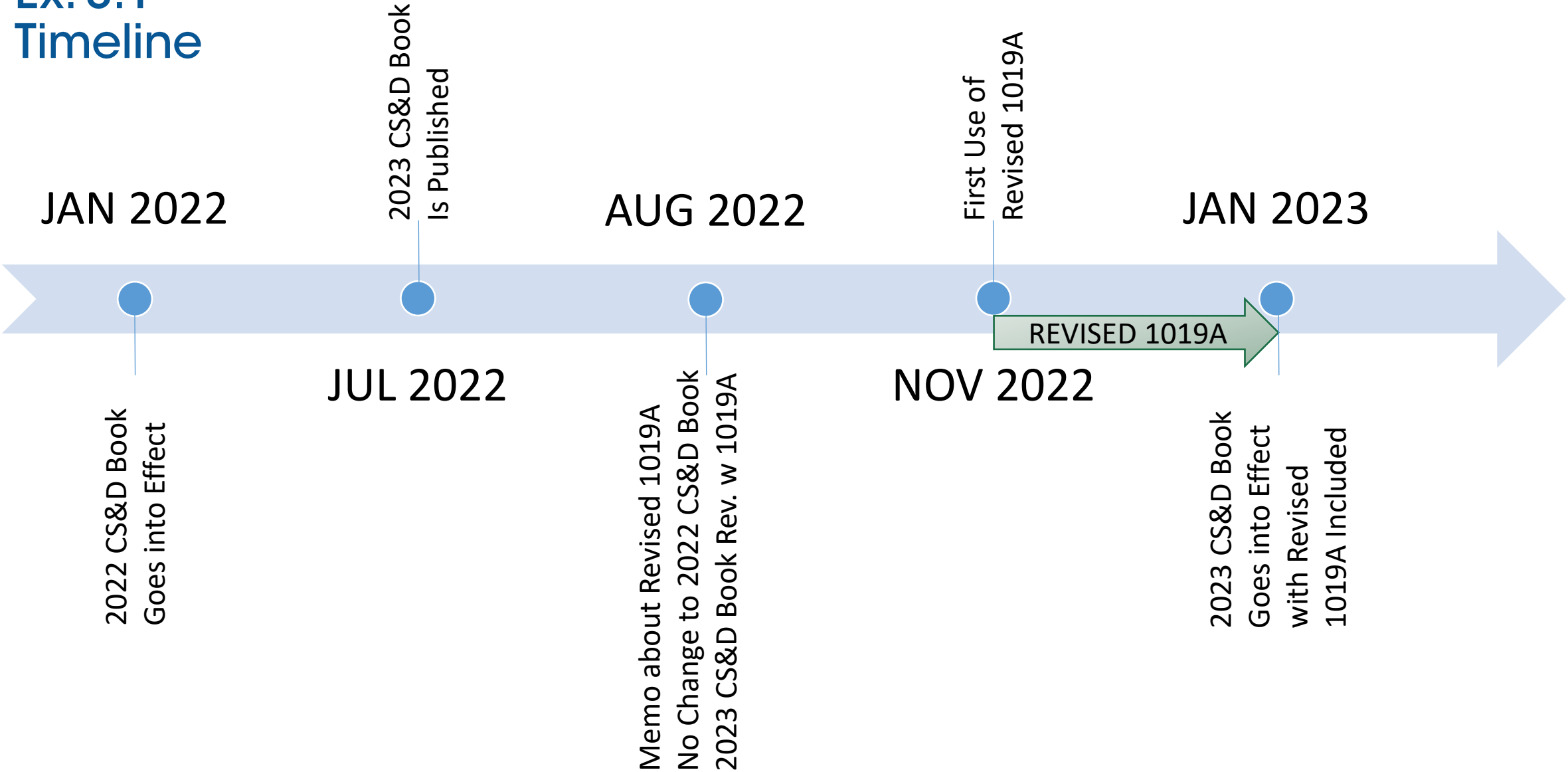
August 2022 – Memo from Chief Engineer Requires Revised Standard 1019A (not captured in 2023 CS&D Book) to be used for all projects letting after Oct 2022.

- **No revision will be made to the 2022 CS&D Book.**
- **The revised 1019A will be posted to the CS&D website for use from the effective date to end of calendar year.**
- **The 2023 CS&D Book will be revised to include the revised 1019A. Projects letting in Calendar Year 2023 will only need to cite the 2023 CS&D Book.**

Ex. 3.1 Timeline



Ex. 3.1 Timeline



3. GDOT CS&D Book – Revisions(3)

Example 3.2:

Jan 2023 – GDOT's 2023 CS&D Book is in effect for Lettings in Calendar Year 2023.

March 2023 – Memo from Chief Engineer requires Revised Detail T-24 (not captured in 2023 CS&D Book) to be used for all projects letting after May 2023.

July 2023 – GDOT's 2024 CS&D Book is published with the revised T-24.

- **No revision will be made to the 2023 CS&D Book.**
- **The revised T-24 will be posted to the CS&D website for use from the effective date to end of calendar year.**
- **The published 2024 CS&D Book contains the revised standard, so no revision is needed.**

Ex. 3.2 Timeline

JAN 2023

JUL 2023

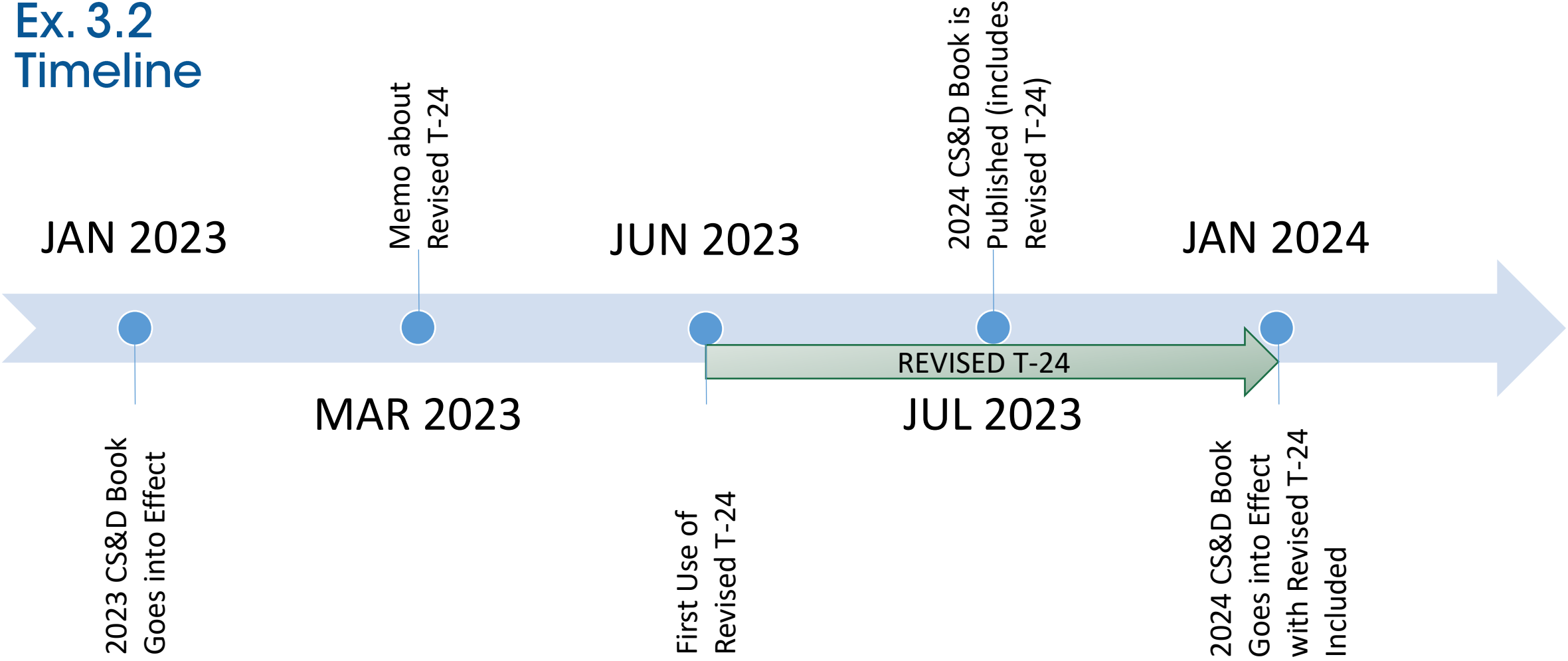
JAN 2024

2023 CS&D Book
Goes into Effect

2024 CS&D Book
Is Published

2024 CS&D Book
Goes into Effect

Ex. 3.2 Timeline

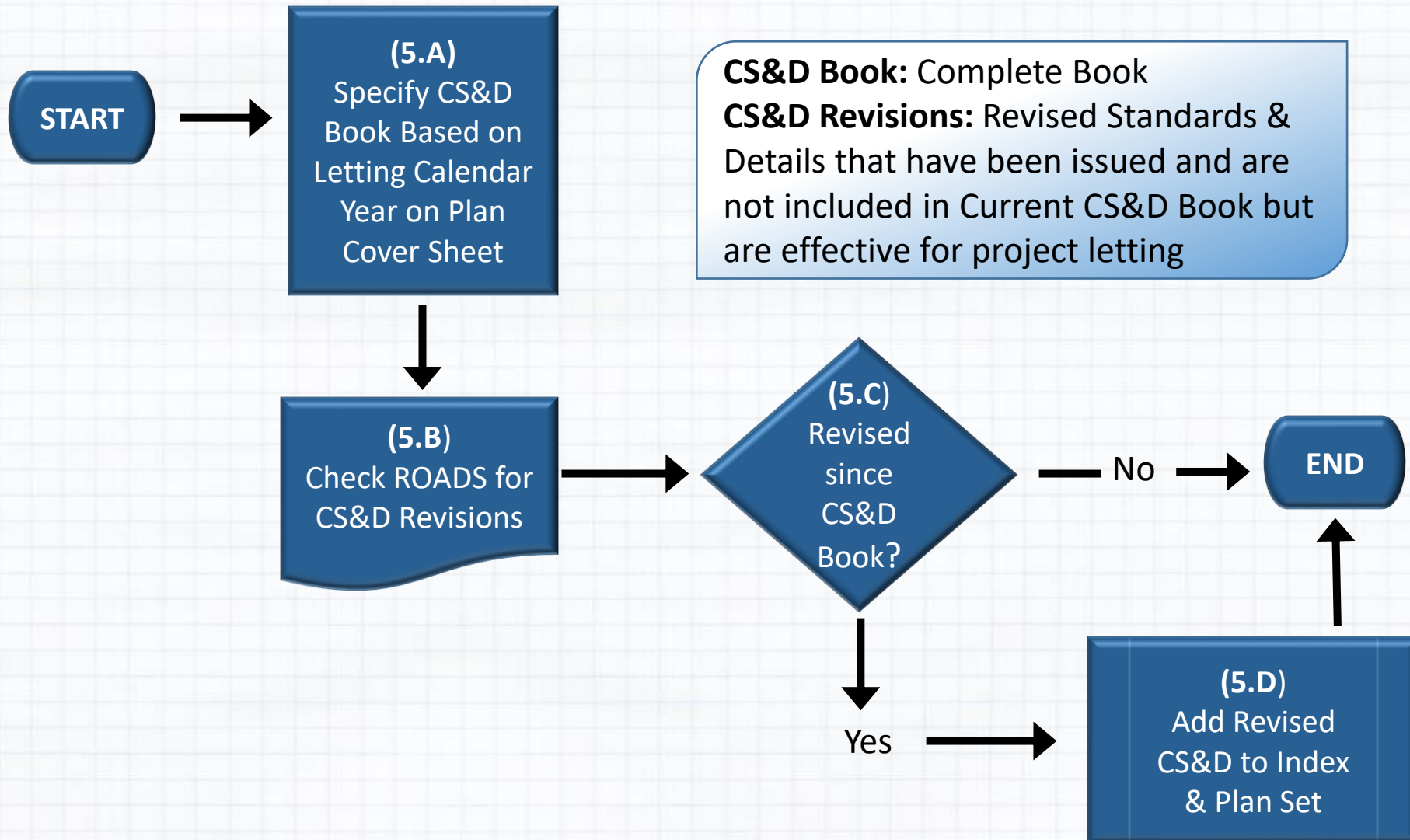


4.Rev Governing Descending Order

Special Provision 105.04

1. Project Specific Special Provision
2. Project Plans including Special Plan Details
3. Special Provisions
4. Supplemental Specifications
5. Standard Plans included in the Project Plans
6. Standard Plans included in the Construction Standards and Details Book (CS&D Book) as denoted in the Project Plans
7. Standard Specifications

5. Design - Workflow



5.A Design - Workflow

Specify CS&D Book Edition Based on Letting Calendar Year on Plan Cover Sheet

- The Designer will add the following Note to the Plan Cover Sheet (Substitute XXXX based on applicable CS&D Book Year).

These plans have been prepared in accordance with the XXXX Construction Standards and Details Book and attached applicable revisions. The XXXX Construction Standards and Details Book is available at:

<http://mydocs.dot.ga.gov/info/gdotpubs/ConstructionStandardsAndDetails/Forms/AllItems.aspx> Any revisions contained within this plan set supersede the XXXX Construction Standards and Details Book which they revise or in which there is a conflict.

5.B Design - Workflow

Check ROADS for CS&D Revisions

- 1) It is the Designer's responsibility to check the ROADS page for any revised Standards and Details that are not included in the applicable CS&D Book, just as it is with the current process.
- 2) Standards and Details: GDOT ROADS Page
<http://mydocs.dot.ga.gov/info/gdotpubs/ConstructionStandardsAndDetails/Forms/AllItems.aspx>

5.C and 5.D Design - Workflow

Revised Since CS&D Book?

- 1) If there are no Standards/Details that have been revised since the effective CS&D Book on Plans Cover Sheet – then the Designer does not need to include any additional revised Standards/Details in the Plans (the exception is Section 38 Special Construction Details and Section 52 and 56 Erosion Control Items).
- 2) If there ARE Standards/Details that have been revised since effective CS&D Book depicted on Plans Cover Sheet - the revised Standards/Details shall be included in the Plans and listed in the Index based on the effective use date. These revisions, included in the Plan set, supersede the CS&D Book.

5. Design Workflow - Example

Example 5.1:

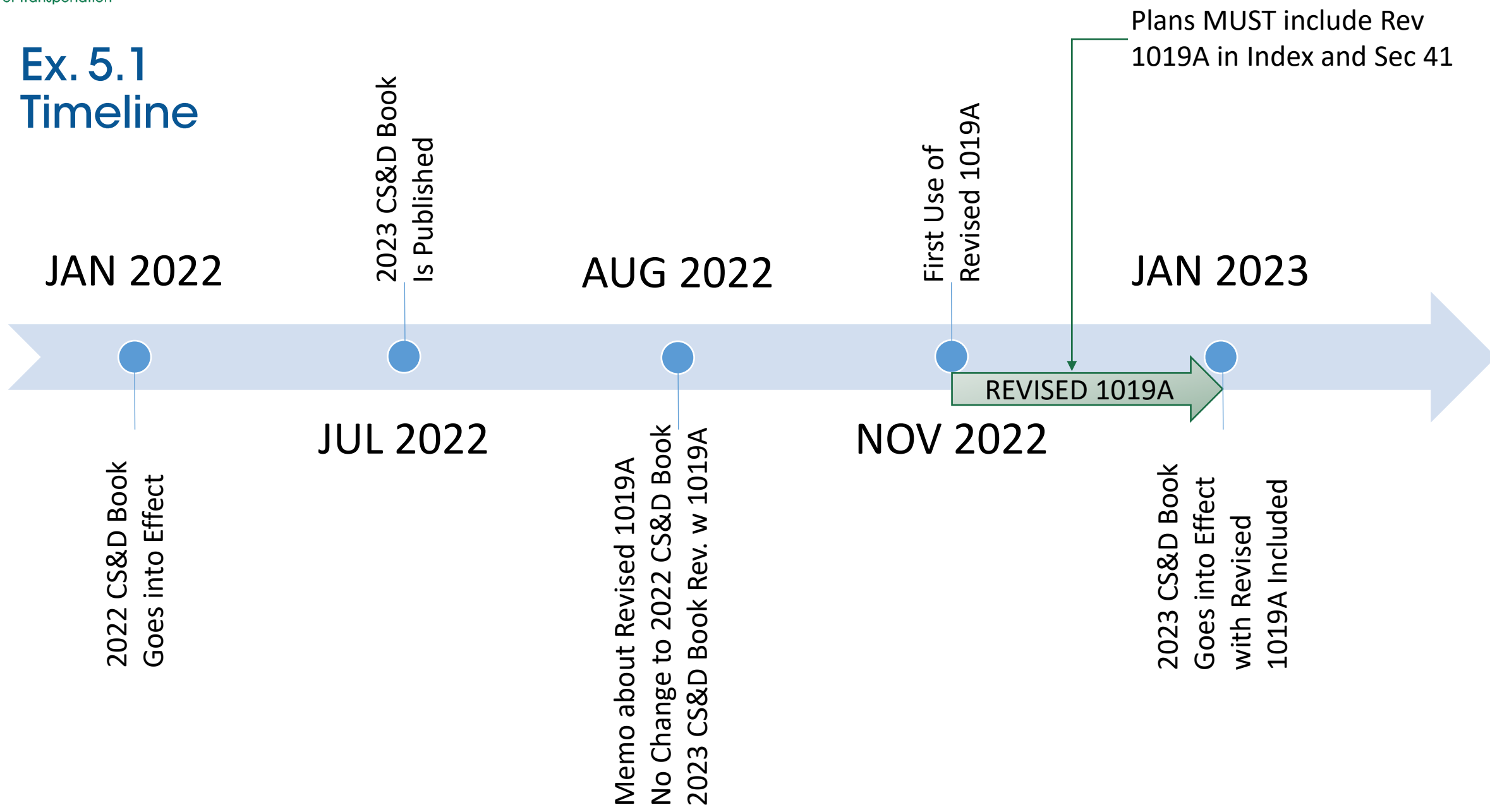
Jan 2022 – GDOT's 2022 CS&D Book is in effect for Lettings in Calendar Year 2022.

July 2022 – GDOT's 2023 CS&D Book is published.

August 2022 – Memo from Chief Engineer Requires Revised Standard 1019A (not captured in 2023 CS&D Book) to be used for all projects letting after Oct 2022.

- **For November 2022 and December 2022 lettings – Plans will cite 2022 CS&D Book on Plans Cover Sheet and include the revised 1019A in the Plans and on the Plan Sheet Index.**
- **The 2023 CS&D Book will be revised to include the revised 1019A. Projects letting in Calendar Year 2023 will only need to cite the 2023 CS&D Book.**

Ex. 5.1 Timeline



3. Design Workflow – Example (2)

Example 5.2:

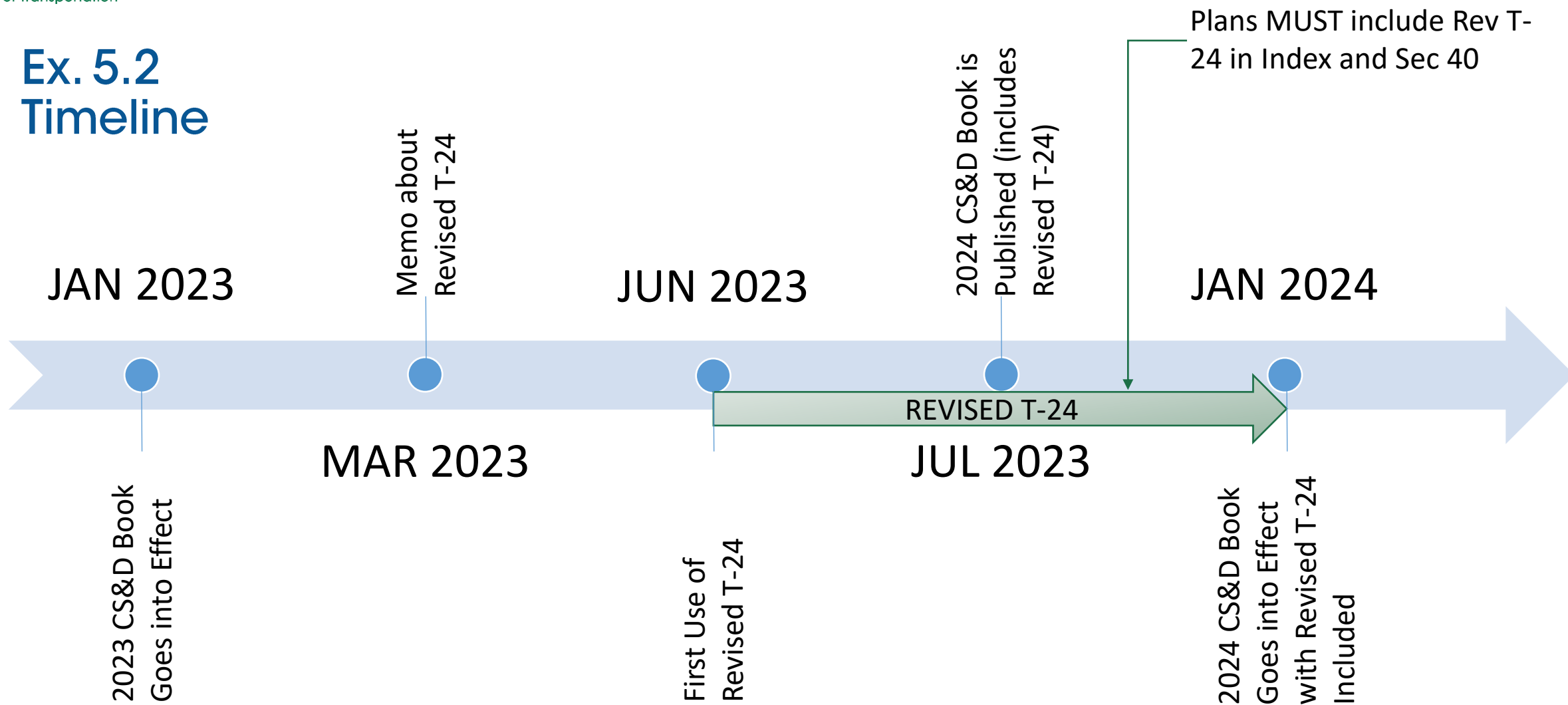
Jan 2023 – GDOT's 2023 CS&D Book is in effect for Lettings in Calendar Year 2023.

March 2023 – Memo from Chief Engineer requires Revised Detail T-24 (not captured in 2023 CS&D Book) to be used for all projects letting after May 2023.

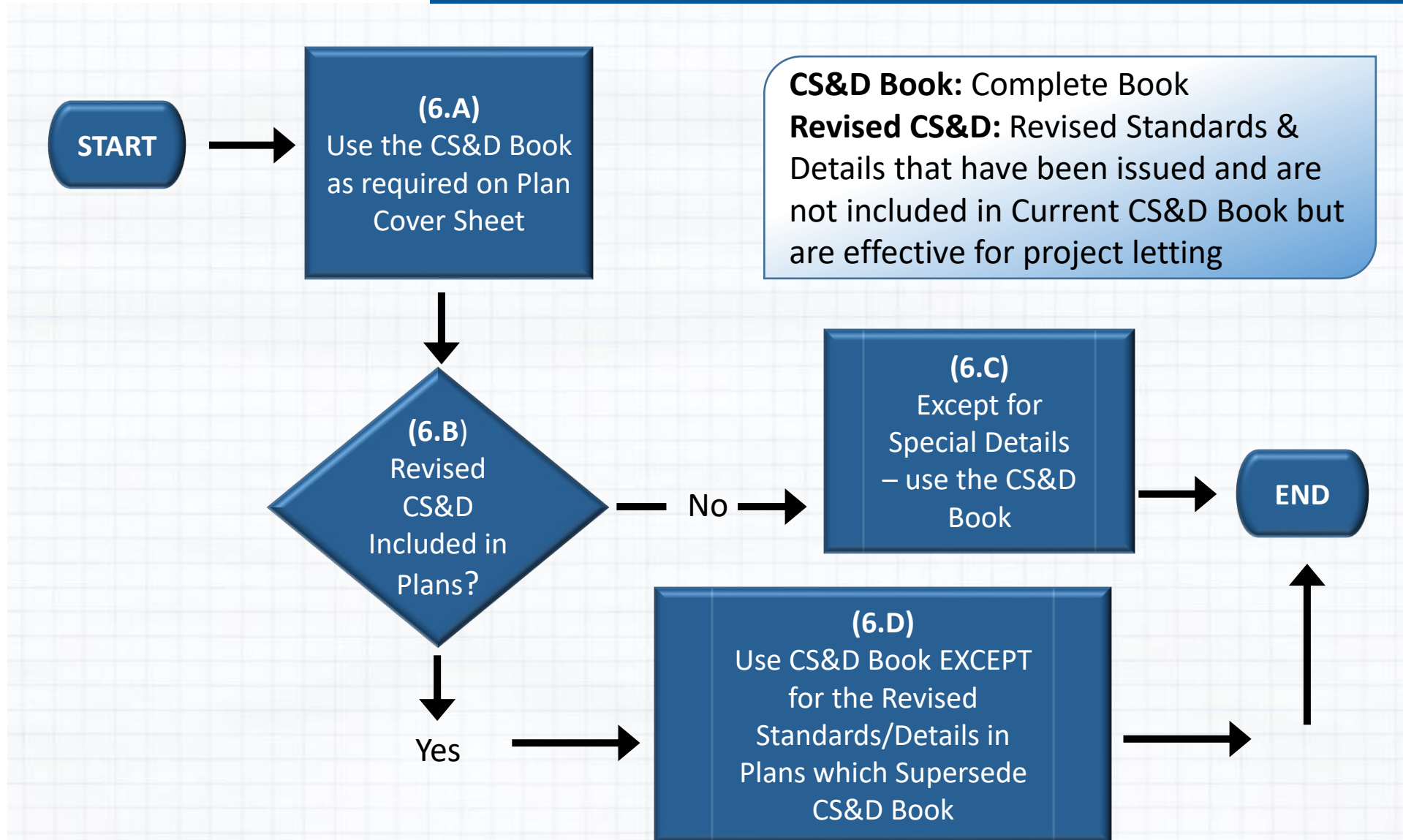
July 2023 – GDOT's 2024 CS&D Book is published with the revised T-24.

- **For June 2023 to December 2023 lettings – Plans will cite 2023 CS&D Book on Plans Cover Sheet and include the revised T-24 in the Plans and on the Plan Sheet Index.**

Ex. 5.2 Timeline



6. Construction - Workflow

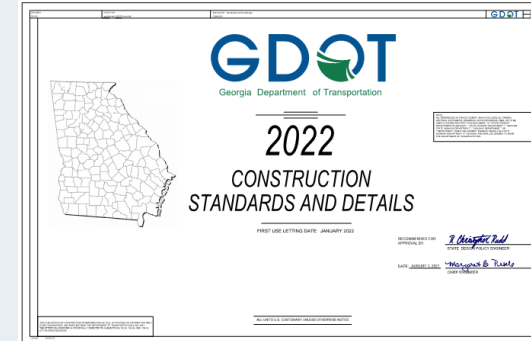


6.A Construction - Workflow

Use the CS&D Book as required on Plan Cover Sheet for applicable Letting

- The Contractor will download the applicable Construction Standards and Details Book (CS&D) specified on the Project Plan Cover Sheet for use on construction.

EXAMPLE: 2022 CS&D Book



LINK

<http://mydocs.dot.ga.gov/info/gdotpubs/ConstructionStandardsAndDetails/Forms/AllItems.aspx>

6.B - 6.C - 6.D Construction - Workflow

Revised CS&D Included in Plans?

- | | | |
|--|---|--|
| | <ol style="list-style-type: none">1) If there are no revised Standards/Details included in the Plans – then the Contractor uses only the applicable CS&D Book specified on the Plans Cover Sheet. (Exception: Section 38 Special Construction Details and Section 52 and 56 Erosion Control Items).2) If there <u>ARE</u> Standards/Details in the Plans - the revised Standards/Details will supersede any drawings in the CS&D Book. | |
|--|---|--|

Proposed Implementation Schedule

CY 2022 CS&D Book

- PUBLICATION DATE: **September 2021**
- EFFECTIVE FIRST USE DATE: **January 2022**

CY 2023 CS&D Book

- PUBLICATION DATE: **July 2022**
- EFFECTIVE FIRST USE DATE: **January 2023**

7. FAQ

- **Do I need to rush to change my plans I just submitted for an early 2022 letting?**
 - No, if you have turned in plans with the Standards and Details included in Sections 40 and 41 per the old workflow, there is no need to rush to undo this work.
- **Do I still need to list the Standards and Details in the Index?**
 - Citing the CS&D Book on the cover will remove the need to list the individual standards and details. You will still need to include applicable revised standards and details that were published after the first of the year in the plan set and index with revision dates.
- **Where do the revised CS&D's go in the plan set?**
 - Revised standards and details are to be placed in the corresponding plan sections (40 and 41).
- **Should Sections 52 and 56 (Construction Standards and Details for Erosion Control Items) continue to be placed in the Plan Index and Plan Sets?**
 - Yes – Sections 52 and 56 should still be included in the Plan Index and the Plan Sets.
- **Is extra labeling needed to specify applicable standard(s) for a plan item?**
 - Where there are multiple standards that could apply, callouts of the intended standard/detail may be needed in the Plans. Most of these callouts are already done.
- **How can I tell what standards or details were updated from a previous year?**
 - Each CS&D Book will have a revision summary sheet tracking the changes from year to year. Additionally, revisions to standards and details will be announced with a memo from the Chief Engineer detailing the effective use dates for the revisions. These memos will be placed on ROADS under Policy Announcements as they are currently.

7. FAQ (2)

- **Does this mean I need a Design Variance for standards *AND* details now?**
 - No, only standards and the few specific details that are called out by the DPM as GDOT Standard Criteria need design variances. (P-7 and Rumble Strip Details)
- **Can I use a past year's CS&D Book?**
 - No. Coordinate with Design Policy because it is likely that a variance would be needed to allow the use of an older standard, but the new book should still be used.
- **What if a Standard or Detail needs to be retired during a calendar year?**
 - A revised standard or detail will be issued containing a VOID notice. The revised standard or detail will need to be included in the Plans from the effective VOID date until the end of the calendar year.
- **How does this affect shelved projects?**
 - As with the previous method of including applicable standards/details, shelved projects must be reviewed and updated for compliance with current standards/details. If the project plans can not be updated to compliance with the current standards/details, coordinate with Design Policy. Use of old standards will require a variance just as they do today.
- **If a project's letting is delayed and pushed into the next calendar year, what happens?**
 - The plans will need to be updated. If the plans cannot be revised before advertisement (5 WEEK PLANS), an amendment should be issued as soon as possible to address any inconsistencies between the advertised plans and the new CS&D Book. Coordinate with the Office of Design Policy and Support if the changes to the project plans are too substantial to be accomplished by revision or amendment. Designers should evaluate the coming year's standards upon publication.

7. FAQ (3)

- **Are the “Maintenance and Repairs Only” Standards and Details included in the CS&D Book?**
 - No, these will be left on the ROADS page for use on maintenance repairs.
- **Will there be printed versions of the CS&D Books available?**
 - No, but the PDF has been published with 11x17, which can be printed on most office printers and easily at a local copy shop/center.
- **What do I do when issuing a UOC?**
 - UOC’s should use the CS&D Book called out on the cover sheet and any revised standards/details included in that plan set.
- **Will the PPG be revised?**
 - Yes, the PPG will be revised to address these changes in procedure.
- **How long will each year’s CS&D Book be available?**
 - Past year’s books will remain available on ROADS>Construction Standards and Details indefinitely.
- **Will Special Construction/Design Details that are currently only available by request from Design Policy and Support be included in the book?**
 - No, the only the GDOT and FHWA approved standards and details will be included in the CS&D Book. Design Policy and Support will explore an option to provide an index of these special details for better understanding of the available Special Construction/Design Details.
- **If there are no changes from one year to the next will a new book be issued?**
 - Yes, a new book will be issued each year regardless of revisions to standards and details. Please note that it is very unlikely that absolutely nothing will change from year to year.

Questions???

