



CDOT SWMP Checklist

Project Name: _____

Subaccount No.: _____

Region: _____

Project Type: Design-Bid-Build Design-Build
 CMGC Property Management Other

If other, describe: _____

SWMP Preparer Name: _____

SWMP Review Date: _____

SWMP Reviewer Name: _____

The CDOT SWMP Checklist has been developed to provide consistency and guidance for CDOT SWMPs for project disturbing an acre or more or part of a larger common plan of development disturbing an acre or more.

*The checklist has required components for Design-Bid-Build (DBB) projects for the portion of the SWMP that is submitted as part of the bid package for advertisement (AD). The SWMP elements (tabs) included in the typical bid package include Project Plan Sheets, Site Maps, Standard Specifications and Project Special Provisions, M-Standards, Existing Vegetation Documentation, and Permanent Water Quality Plan Sheets and are indicated in the checklist in **black** font. SWMPs components that are part of bid package are reviewed by a qualified, CDOT SWMP Reviewer prior to AD.*

*The contractor awarded the project must supply any additional SWMP items as described in CDOT specifications 107.25 and 208 prior to construction. These requirements are designated as **red** text in the checklist. Design-Build contractors and other types of innovative contracting or Property Management Projects are required to provide all information in the checklist unless it does not apply to the project. Complete SWMPs must be reviewed prior to construction commencing by a qualified CDOT SWMP Reviewer.*

SWMP review timing is dependent on project delivery type. If an item does not apply at the time of the SWMP review, additional comments will be selected and a description will be provided that includes the timing of the development of an item and the group responsible for supplying the item.

CDOT SWMP Checklist (November 2020)

Item No.	SWMP Preparer Completed	SWMP Reviewer Completed	Additional Comments	Required SWMP Component
SWMP Plan Sheet Requirements				
1	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The Project Site Description accurately describes the location and nature of construction activities planned
	<i>Notes: 208.03(d)1</i>			
	Comments:			
2	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	SWMP Administrator for Design is identified
	<i>Notes: 208.03(c) 1. Requires the SWMP Administration be identified in the DOT SWMP Template, Section 3. The Qualified Stormwater Managers consist of the SWMP Administrator for Design and SWMP Administrative for Construction. Once identified contact information and certification numbers must be included.</i>			
	Comments:			
3	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The overall project summary of approximate quantities matches SWMP Template Tabulation of Quantities
	<i>Notes: 109.01</i>			
	Comments:			
4	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The SWMP includes proposed sequencing for major construction activities and planned implementation of control measures for each phase
	<i>Notes: CDOT SWMP Template, Section 1. C. describes the major sequencing of construction activities with attention to how the project may impact water quality.</i>			
	Comments:			
5	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Estimates of total acreage of the site, acreage anticipated to be disturbed, acreage of seeding, existing impervious acreage, and total (new plus existing) impervious acreages
	<i>Notes: 107.25(a)1. Locations where any activity has altered the existing soil cover or topography, including vegetative and non-vegetative activities during construction.</i>			
	Comments:			

CDOT SWMP Checklist (November 2020)

Item No.	SWMP Preparer Completed	SWMP Reviewer Completed	Additional Comments	Required SWMP Component
6	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Existing soil data
	<p>Notes: CDOT SWMP Template, Section 1. E. requires at least one of the 12 USDA soil texture classifications and soil potential for erosion</p>			
	<p>Comments:</p>			
7	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Existing vegetation, including percent cover, and transect locations (with pre-construction percent cover at each site)
	<p>Notes: The SWMP identifies who is responsible for completing the vegetative transect. The SWMP must include the percent cover and pictures of the completed transects. Images shall demonstrate that transect(s) was complete in accordance with CDOT Erosion Control and Stormwater Quality Guide. Photographs should include the following record: project number, project code, name of person who took the picture, date and time stamp, and location with approximate station or mile marker.</p> <p>CDOT Landscape Architecture requirements - A minimum of at least one 50-foot transect of pre-construction and post-construction cover shall be conducted for every 5 acres that is cleared, graded, or excavated. The environmental specialists shall determine the number of transects required for large construction projects (>20 acres).</p>			
	<p>Comments:</p>			
8	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Topsoil sampling and agronomic value testing was completed and incorporated into the SWMP Plan Sheet soil amendment quantities
	<p>Notes: 207. Topsoil sampling should be completed prior to FIR and result incorporated into SWMP Plan sheets.</p>			
	<p>Comments:</p>			
9	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Description of areas receiving discharge from the site is provided including immediate and ultimate receiving waters.
	<p>Notes: CDOT SWMP Template, Section 1.H needs to include:</p> <ol style="list-style-type: none"> 1. Outfall locations: map or table identifying all pipes, ditches, whether the project is in an MS4 and, if in an MS4, the name of the MS4. 2. Names of receiving water(s) on site. 3. Ultimate receiving water for discharges from the project site. 4. Horizontal distance nearest water of the state is from project. 			
	<p>Comments:</p>			

CDOT SWMP Checklist (November 2020)

Item No.	SWMP Preparer Completed	SWMP Reviewer Completed	Additional Comments	Required SWMP Component
10	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Environmental Impacts are identified and characterized including description of any allowable non-stormwater discharges (contractor to supply method statements as applicable)
	<p><i>Notes: The SWMP has a completed Wetland Impacts, Stream Impacts, and Threatened and Endangered Species section (CDOT Template Section 13). The SWMP Reviewer will work with the Region's biologist to ensure that the project has obtained all applicable permits.</i></p>			
	<p>Comments:</p>			
11	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The SWMP includes a description of all stream crossings located within the construction site boundary, as applicable
	<p><i>Notes: The SWMP has identified and described all stream crossings</i></p>			
	<p>Comments:</p>			
12	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Seed mixes, amounts and soil amendments are provided
	<p><i>Notes: 207.01 and CDOT SWMP Template Section 9. Seed mixes, application rates, and amendments must be identified.</i></p>			
	<p>Comments:</p>			
13	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Narratives
	<p><i>Notes: The SWMP has a narrative for each Control Measure designed into the SWMP and identified in the Control Measure Matrix. Each narrative shall clearly describe the relationship between the phases of construction and the implementation of each additional Control Measure. The narrative shall include what, when, where and why each Control Measure is used.</i></p> <p><i>If the SWMP identifies a Non-Standard Control Measure, the SWMP must contain a Non-Standard Control Measure Specification and Narrative. This may be done in the field or prior to construction.</i></p>			
	<p>Comments:</p>			
14	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Control Measure Matrix Narratives
	<p><i>Notes: The SWMP Administrator for Construction shall place an "X" in the column In Use On Site when the control measure has been installed. The SWMP Administrator for Design should mark an "X" designating which phase the control measure is anticipated to be used in. A "B" in the Initial Activities Column indicates that the control measure shall be installed before construction activity starts. Locations and quantities will be discussed during the Environmental Pre-Construction Conference with the Regional Water Pollution Control Manager..</i></p>			
	<p>Comments:</p>			

CDOT SWMP Checklist (November 2020)

Item No.	SWMP Preparer Completed	SWMP Reviewer Completed	Additional Comments	Required SWMP Component
15	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Tabulation of Stormwater Quantities
	<p><i>Notes: The Tabulation of Stormwater Quantities will be complete for the SWMP design, including labor hour, equipment horsepower, and pay items. The SWMP shall not include pay items not applicable to the SWMP design. Quantities should include maintenance, a safety factor for unforeseen conditions, and life expectancy. Additionally, the quantities should be broken into the appropriate phase of construction where they will be used.</i></p>			
	<p>Comments:</p>			
Required SWMP Site Map Components				
16	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Construction Site Boundary/Limits of Construction (LOC)
	<p><i>Notes: 107.25(a)2. The Project Area defined by the Stormwater Construction Permit</i></p>			
	<p>Comments:</p>			
17	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	All proposed areas of disturbance
	<p><i>Notes: 107.25(a)4. The SWMP Site Map will identify where limits of ground surface disturbance (LDAs).</i></p>			
	<p>Comments:</p>			
18	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Areas of cut and fill
	<p><i>Notes: The SWMP will identify where areas of cut and fill appear in the plans.</i></p>			
	<p>Comments:</p>			
19	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Flow Arrows (initial, permanent) interim to be added in the field during construction
	<p><i>Notes: Are flow arrows inserted in enough quantity that the regulators can tell where on-site and runoff water is flowing?</i></p>			
	<p>Comments:</p>			
20	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The location of all structural control measures (some structural control measure information may need to be added by the contractor)
	<p><i>Notes: The SWMP will identify where locations of all structural control measures appear in the plans.</i></p>			
	<p>Comments:</p>			

CDOT SWMP Checklist (November 2020)

Item No.	SWMP Preparer Completed	SWMP Reviewer Completed	Additional Comments	Required SWMP Component
21	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The location of all non-structural control measures, as appropriate. (areas of temporary and interim stabilization are added in the field by the contractor)
	<i>Notes: The SWMP will identify where locations of all non-structural control measures appear in the plans.</i>			
	Comments:			
22	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Temporary control measures to control run-on and run-off are identified and appropriate.
	<i>Notes: Run-on and run-off must be factored into the selection of temporary control measures</i>			
	Comments:			
23	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Topsoil salvage and stockpile locations
	<i>Notes: 207.01 This requires salvaging topsoil from onsite locations, stockpiling, maintaining, and preparing the subsoils for the placement of the topsoil at locations shown on the plans. CDOT SWMP Template, Section 3.D requires a permanent stabilization subject matter expert to review the topsoil management plan and permanent stabilization maps.</i>			
	Comments:			
24	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Springs, streams, wetlands and other surface water including locations of all stream crossings
	<i>Notes: The SWMP will identify where springs, streams, wetlands, and other surface water(s) appear in the plans.</i>			
	Comments:			
25	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Protection of trees, shrubs, cultural resources and mature vegetation and 50-foot waterway buffer, if feasible
	<i>Notes: The SWMP will identify where trees, shrubs, cultural resources and existing mature vegetation to protect appear(s) in the plans.</i>			
	Comments:			
26	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Permanent Stormwater Quality Control Measure if applicable.
	<i>Notes: Refer to CDOT Permanent Water Quality (PWQ) program documents - https://www.codot.gov/programs/environmental/water-quality/stormwater-programs/pwq-permanent-water-quality</i>			
	Comments:			

CDOT SWMP Checklist (November 2020)

Item No.	SWMP Preparer Completed	SWMP Reviewer Completed	Additional Comments	Required SWMP Component
27	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Seeding methodology and mulch locations shown on the permanent stabilization map
	Notes: 207			
	Comments:			
Specifications and Reviews				
28	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Project Special Provisions that modify subsection 107.25 and Sections 207, 208, 212, 213, 216, and, if applicable, 101 and 214.
	Notes: 208.03(d)1(3). Plan Sheets must include Standard and project special provisions related to stormwater and erosion control.			
	Comments:			
29	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Documentation that the Standards and Specifications Unit (SSU) and the MS4 Construction Program Manager (MCPM) reviewed and accepted Project Special Provisions that modify subsection 107.25 and sections 208, 213, and 216 (CDOT's water quality specifications).
	Notes: Refer to CDOT's MS4 Construction Program Manual SOP			
	Comments:			
30	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Are the current standard plans M-208-1, M-216 and M-615-1 included
	Notes: 208.03(d)1(4). Plan Sheets must include Standard Plans M-208-1, M-216-1 and M-615-1.			
	Comments:			
Format				
31	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Does the SWMP use the current CDOT SWMP template
	Notes: CDOT requires the use of the CDOT template to ensure consist SWMPs that meets all CDOT specifications.			
	Comments:			

CDOT SWMP Checklist (November 2020)

Item No.	SWMP Preparer Completed	SWMP Reviewer Completed	Additional Comments	Required SWMP Component
32	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Is the Microstation file is set up with CDOT border, or local agency border as appropriate, and does it use the correct nomenclature including all project numbers, information, and other required project information
	<i>Notes: Standard templates for borders and nomenclature promotes consistency and avoid confusion.</i>			
	Comments:			
Additional SWMP Requirements for Complete SWMPs				
33	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Site-specific potential pollutant sources
	<i>Notes: 107.25 (b)6.</i> Prior to the Environmental Pre-construction Conference, the SWMP Administrator, identified in subsection 208.03(c), must identify and describe all potential pollutant sources, including materials and activities, and evaluate them for the potential to contribute pollutants to stormwater discharges associated with construction activities. There is a list of 14 potential pollutant sources that must be identified.			
	Comments:			
34	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Material handling/method statements
	<i>Notes: 107.25 (b)13.</i> A minimum of ten days prior to the start of the construction activity, the Contractor must submit in writing a Method Statement for Containing Pollutant Byproducts to the Engineer for approval.			
	Comments:			
35	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Spill Prevention and Response Plan
	<i>Notes: 107.25(b) 16.</i> Spill prevention and containment measures conforming to subsection 208.06 shall be used at storage, and equipment fueling and servicing areas to prevent the pollution of any State waters, including wetlands.			
	Comments:			
36	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Description of inspection and maintenance methods
	<i>Notes: 208.03(d)1(10)</i> Description of inspection and maintenance methods implemented at the site to maintain all control measures identified in the SWMP and items not addressed in the design.			
	Comments:			
37	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	TECS certification and contact information for the SWMP Administrator for Construction
	<i>Notes: 208.03(d)1(14) and CDOT SWMP Template -</i> TECS Certifications of the SWMP Administrator and all ECIs, kept current through the life of the project			
	Comments:			

