

Revisions to T.D.O.T. Design Division Standard CADD Files

06/02/2017 Update

Before installing new updates to your computer, changes were made to the CADD download page. The files that are downloaded are now in (.zip) format. The purpose of this is to eliminate the Symantec Antivirus warning that come up for the majority of TDOT employees. It also eliminates the problem that most people could not download the previous (.exe) files. The (.exe) files still exist, however they have been placed inside the (.zip) files of the download page. Depending on your settings, the (.zip) files you download will go to your Download folder (C:\Users\jj####\Downloads, for TDOT employees). Once you unzip the file(s), you should be able to execute the (.exe) as normal. The file(s) will go the specified folder location on your computer.

NOTE (For Survey Personnel):

Both Survey Seed file (Survseed 050117.dgn) and R.O.W. Acquisition Table (ROWAcqTable_051717) has significant changes involved with them. Survey personnel are advised to start using these files immediately whenever a new project begins.

TN Map Files

<http://www.tn.gov/tdot/topic/chief-engineer-design-tennessee-map-files-for-microstation>

The (.exe) files have been placed inside (.zip) files.

Standard Survey CADD Files and Documents (**For survey personnel only**)

<http://www.tn.gov/tdot/article/roadway-design-survey-cadd-files-and-documents>

The (.exe) files have been placed inside (.zip) files. Other needed files were also placed on this page.

2ndSheets.zip... (1054 KB)

* Be sure to go to '<C:\Users\Public\Office Standards\TDOT 2nd Sheets>' and delete old files.

The following word documents have been **revised**:

- Index and Standard Drawings 050117.dotx
- Standard Roadway Drawings 050117.dotx
- Special Notes 050117.dotx
- Drop Off Notes Traffic Control 050117.dotx
- General Notes 050117.dotx
- EPSC Notes 050117.dotx
- Estimated Roadway Quantities_051917.xltm

The following word documents have been created for **Local Program** projects. They will be placed inside a folder marked "**Local Program Files**"

The following word document(s) files are **NEW**:

- Sheet 3 ROW Notes Utility Notes Utility Owners Local Program Projects Only.dotx

The following word document(s) files have been **revised**:

- EPSC Notes Local Program Projects Only 051717.dotx
- Special Notes Local Program Projects Only 051717.dotx
- General Notes Local Program Projects Only 051717.dotx

Seed.zip... (2950 KB)

* Be sure to go to '<C:\Users\Public\MicroStation Standards\seed>' and delete old files.

The following seed files have been **revised**:

- Index and Standard Drawings 050117.dgn
- Standard Roadway Drawings 050117.dgn
- Special Notes 050117.dgn
- Survseed 050117.dgn*
- Drop Off Notes Traffic Control 050117.dgn
- General Notes 050117.dgn
- EPSC Notes 050117.dgn

*** - There are significant changes involved with this file. Survey personnel are advised to start using this file immediately whenever a new project begins.**

The following seed files have been created for **Local Program** projects. They will be placed inside a folder marked "**Local Program Files**"

The following seed file(s) are **NEW**:

- Sheet 3 ROW Notes Utility Notes Utility Owners Local Program Projects Only.dgn

The following seed file(s) have been **revised**:

- EPSC Notes Local Program Projects Only 051717.dgn
- Special Notes Local Program Projects Only 051717.dgn
- General Notes Local Program Projects Only 051717.dgn

VBA.zip... (7655 KB)

- DrawCurbRamp.mvba
 - This program has been revised to denote the standard drawing number with each curb ramp created. The program was also modified to comply with the current standard drawings.
- TDOTDesignDivToolbox.mvba
 - Minor changes.
- NSDCells.mvba
 - (NEW) – This is for the new Natural Stream Design menu under the TDOT dropdown menu. It will allow designers to place new NSD cells from D-NSD-13; D-NSD-21 thru D-NSD-36
- StandardSheetCells.mvba
 - Added a new sheet – Plan Sheet for Tabulated Blocks.
- PlacePlanPhaseStamps.mvba
 - Allows the Plan Phase Stamps to be used on the new plan sheet.

EngCell.zip... (4231 KB)

- Added 45 new cells:
 - CRASH CUSHION – CC
 - S-CC-1
 - TYPE 21 GUARDRAIL END – TY21n
 - TYPE 38 GUARDRAIL END – TY38n
 - NORTH ARROW REGION 1 – NARR1
 - NORTH ARROW REGION 2 – NARR2
 - NORTH ARROW REGION 3 – NARR3
 - NORTH ARROW REGION 4 – NARR4
 - STD PLAN FOR TAB BLOCKS – BDR2NDTB
 - BOULDER CLUSTERS – BDRCLSTR
 - D-NSD-21
 - BOULDER CLUSTERS LEGEND – BDRCLSTRL
 - D-NSD-21
 - BOULDER CROSS VANE – BDRCRVN
 - D-NSD-22
 - BOULDER CROSS VANE LEGEND – BDRCRVNL
 - D-NSD-22
 - BOULDER CROSS VANE WITH STEP – BDRCRVNWS
 - D-NSD-23
 - BOULDER CROSS VANE WITH STEP LEGEND – BDRCRVNWSL
 - D-NSD-23
 - BOULDER AND LOG RIFFLE – BDRLGRFF
 - D-NSD-28
 - BOULDER AND LOG RIFFLE LEGEND – BDRLGRFFL
 - D-NSD-28
 - BOULDER RIFFLE – BDRRFFE
 - D-NSD-28
 - BOULDER RIFFLE LEGEND – BDRRFFEL
 - D-NSD-28
 - BOULDER STEP POOLS – BDRSPP
 - D-NSD-27
 - BOULDER STEP POOLS LEGEND – BDRSPPL
 - D-NSD-27
 - BOULDER VANE – BDRVNE
 - D-NSD-25
 - BOULDER VANE LEGEND – BDRVNEL
 - D-NSD-25
 - BOULDER W-WIER – BDRWWR
 - D-NSD-24
 - BOULDER W-WIER LEGEND – BDRWWRL
 - D-NSD-24
 - BRUSH MATTRESS PATTERNING – BSHMTRS
 - D-NSD-36
 - BRUSH MATTRESS PATTERNING LEGEND – BSHMTRSL
 - D-NSD-36

- CONSTRUCTED ALLUVIAL RIFFLE – CAVLRFF
 - D-NSD-29
- CONSTRUCTED ALLUVIAL RIFFLE LEGEND – CAVLRFFL
 - D-NSD-29
- COCONUT FIBER ROLLS LEGEND – CCTFRRL
 - D-NSD-33
- CLAY CHANNEL PLUG – CYCHLPG
 - D-NSD-31
- CLAY CHANNEL PLUG LEGEND – CYCHLPGL
 - D-NSD-31
- J-HOOK – JHOOK
 - D-NSD-25
- J-HOOK LEGEND – JHOOKL
 - D-NSD-25
- LOG STEP POOLS – LGSP
 - D-NSD-27
- LOG STEP POOLS LEGEND – LGSPPL
 - D-NSD-27
- LOG RIFFLE – LRFF
 - D-NSD-28A
- LOG RIFFLE LEGEND – LRFFL
 - D-NSD-28A
- LOG VANES, ROOT WADS AND BOULDER J-HOOK – LVRWBRJH
 - D-NSD-26
- LOG VANES, ROOT WADS AND BOULDER J-HOOK LEGEND – LVRWBRJHL
 - D-NSD-26
- LIVE FASCINE LEGEND – LEFSEL
 - D-NSD-35
- LIVE SILTATION LEGEND – LESTNL
 - D-NSD-34
- WOOD AND BOULDER TOE WITH GEO-LIFTS – WDBDRTGL
 - D-NSD-32
- WOOD AND BOULDER TOE WITH GEO-LIFTS LEGEND – WDBDRTGLL
 - D-NSD-32
- NATURAL STREAM DESIGN LEGEND – NLSMDNL
- LONG STONE TOE LEGEND – LONGSTTL
 - D-NSD-13

ROWAcqTable.zip... (194 KB)

- ROWAcqTable_051717.xltn*

* - There are significant changes involved with this file. Survey personnel are advised to start using this file immediately whenever a new project begins.

EnglishTab.zip... (1046 KB)

The following excel document(s) files are **NEW**:

- Tabulated EPSC Quantities_053017.xltn
- Tabulated Traffic Control Quantities_053017.xltn²
- TRAFFIC CONTROL SIGN TABULATION A.xltx²
- TRAFFIC CONTROL SIGN TABULATION B.xltx²
- Cross Drain Median Drain Endwalls.xltx¹
- Longitudinal Median Drains.xltx¹

The following excel document(s) files have been **revised**:

- OutFalls.xltx

The following excel document(s) files have been **deleted**:

- Median Drains Endwalls.xltx¹
- Median Drains.xltx¹
- Traffic Controls.xltx²

1 – Cross Drain Median Drain Endwalls.xltx and Longitudinal Median Drains.xltx replaces Median Drains Endwalls.xltx and Median Drains.xltx.

2 - TRAFFIC CONTROL SIGN TABULATION A.xltx, TRAFFIC CONTROL SIGN TABULATION B.xltx and Tabulated Traffic Control Quantities_053017.xltn replace Traffic Controls.xltx.

Symb.zip... (995 KB)

In this section both the filter sock and sediment tube linestyle were change to denote the diameter used in the design. Curb & Gutter linestyle now depict three lines which show the face of the gutter, the face of the curb and the back of the curb. Each linestyle now is drawn to the correct dimensions for each linestyle. Note the snap point in D&C Manager for curb & gutter linestyle placements is the face of the curb and not the face of the gutter. Also, the Curb Ramp program in D&C Manager will snap to the face of curb and place it correctly based on the new linestyles. Four new linestyle was created for the new Natural Stream Design standard drawings.

- TDOTLINE.RSC (Revised 25 linestyle)
 - Filter Sock
 - 8" SOCK 8" ** SOCK 8" ** SOCK 8" ** SOCK 8" **
 - 12" SOCK 12" ** SOCK 12" ** SOCK 12" ** SOCK 12" **
 - 18" SOCK 18" ** SOCK 18" ** SOCK 18" ** SOCK 18" **
 - 24" SOCK 24" ** SOCK 24" ** SOCK 24" ** SOCK 24" **
 - Sediment Tube
 - 8" TUBE 8" ** TUBE 8" ** TUBE 8" ** TUBE 8" **
 - 12" TUBE 12" ** TUBE 12" ** TUBE 12" ** TUBE 12" **
 - 18" TUBE 18" ** TUBE 18" ** TUBE 18" ** TUBE 18" **
 - 20" TUBE 20" ** TUBE 20" ** TUBE 20" ** TUBE 20" **
 - 24" TUBE 24" ** TUBE 24" ** TUBE 24" ** TUBE 24" **
 - Curb & Gutter
 - 4-30M
 - 4-42M
 - 6-30
 - 6-33M
 - 6-36
 - 6-39M
 - 6-42
 - 6-45M
 - 4-30RM
 - Curbs
 - 4" M Type A
 - 4" M Type B
 - 6" M Type A
 - 6" M Type B
 - 6" Type A
 - 6" Type B
 - Created four new linestyle
 - Coconut Fiber Roll
 - Live Fascine
 - Live Siltation
 - Longitudinal Stone Toe

TDOTinterface.zip... (105 KB)

- tdot.dgnlib
 - Added “Natural Stream Design” to TDOT menu

3PC.zip... (152 KB)

Changes were made so that Type 21 and 38 guardrail would be drawn in correctly based on current guardrail standard drawings.

- place_21_terminal.x
- place_21_min_install.x
- place_38_terminal.x
- place_38_min_install.x

Download instructions are listed at the top of the [CADD web page](#).

WARNING: Close all software prior to downloading files.

MicroStation

[Data.zip](#) (no changes)

[Dgnlib.zip](#) (no changes)

[Image.zip](#) (no changes)

[Pltcfg.zip](#) (no changes)

[TDOTcfg.zip](#) (no changes)

Geopak

[GeopakStandard.zip](#) (no changes)

[TDOTSMDFeatures.zip](#) (no changes)

[Criteria.zip](#) (no changes)

[ConstCriteria.zip](#) (no changes)

Office

[DDocs.zip](#) (no changes)

[RoadwayItemList.zip](#) (no changes)

[English Survey & Design Manday Form version 2.25.xltm](#) (no changes)

Survey Standard Files

[SDocs.zip](#) (no changes)

Aerial Survey

[ASFeatureTable.zip](#) (no changes)

[ASdata.zip](#) (no changes)

[ASseed.zip](#) (no changes)

[AScameraDigital.zip](#) (no changes)

IPLLOT

[DesignScript.zip](#) (no changes)

[IplotResrc.zip](#) (no changes)

[IplotCFG.zip](#) (no changes)

[Ipcfg.zip](#) (no changes)

[Settings.zip](#) (no changes)

Autotrack

[TDOTDesignVehicleLibrary.zip](#) (no changes)

Documentation

(for reference only)

(no changes)



If you have any questions concerning this notice or the files in this release contact us.