

## Chapter 1 Roadway Title Block Editor

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### 1.1 Purpose

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The purpose of this program is to allow GDOT MicroStation users to edit title block data. This chapter covers the Title Block Editor for Roadway Design.

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### 1.2 Application Overview

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The application is accessed through a menu.

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### 1.3 Title Tab

The Title Block Editor defaults to the TITLE tab when it initially opens.

Status: Green dot means title blocks are updated.

Red exclamation point means data in the application has changed and can be updated using an Update button.

**+ - X** These options (+ - x) are only available when they are white.

In the example above, only the – and x options are available

- + Expands the collapsed dialog
- Collapses the open dialog
- x Closes the dialog.

**GDOT BRIDGE TITLE BLOCK EDITOR** + - x

In this example, only the + and x are available.

**TITLE**

Title Block App version number

Shows the number of title blocks in the current DGN.

In this example, 1 of 5: **Active** title block is 1 and **total** title blocks in the DGN is 5.

Check Mark box on all editable fields:

If the check mark in a field is present then the information in the field is updated when the UPDATE button is used. If the box is not checked then the app will not apply the changes made.

The screenshot shows the 'GDOT ROAD TITLE BLOCK EDITOR' window. At the top, there are tabs for 'TITLE', 'REVISION', and 'BATCH'. The 'TITLE' tab is active, indicated by a green dot. Below the tabs, there is a 'Select Office ID' dropdown menu set to 'BRIDGE DESIGN'. To the right, there is a 'P.I. NUMBER' field with the value '1234567'. The main area contains a title block for 'MAYBERRY ROAD' and 'PINE VALLEY DRIVE TO RIVER ROAD'. Below this, there is a table with columns for 'CHECKED', 'BACKCHECKED', 'CORRECTED', and 'VERIFIED', each with a name and a date. A 'DRAWING No.' field contains '13- 12346'. At the bottom, there is a toolbar with various icons and a 'Build Number: 01.00.00.14' field. A callout points to the '1 of 5' indicator in the toolbar.

### 1.3.1 Title Block Editor Fields

#### Select Office ID (only valid in Roadway DGN files)

What it does: Reads the data from the existing title block.  
 Defaults to blank (no text).

Select Office ID:

BRIDGE DESIGN

- BRIDGE DESIGN
- DISTRICT 1
- DISTRICT 2
- DISTRICT 3
- DISTRICT 4
- DISTRICT 5
- DISTRICT 6
- DISTRICT 7
- INNOVATIVE DELIVERY
- INTERMODAL
- LOCAL GRANTS
- MAINTENANCE
- PROGRAM DELIVERY
- ROADWAY DESIGN
- TRAFFIC OPERATIONS
- OTHER

#### PI Number

What it does: Project Identification from an internal GDOT number. It is used for filing and reference.

<b>P.I. NUMBER</b>
1234567 <input checked="" type="checkbox"/>

#### Title Block Description

Click in the field to type in the data.

When the field is empty, a grayed out prompt is displayed.

ENTER DESCRIPTION 1

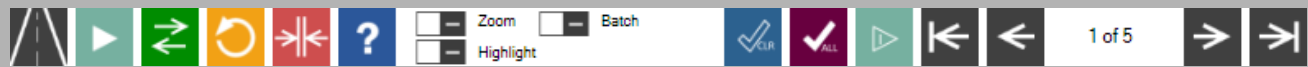
PINE VALLEY DRIVE TO RIVER ROAD

#### Checked, Backchecked, Connected, and Verified

What it does: The app user fills in the appropriate field based on the action/function performed. The DGN title block information is updated if the corresponding box is checked when the Update button is used.

CHECKED:	FLOYD LAWSON	<input checked="" type="checkbox"/>	DATE:	03/02/15	<input checked="" type="checkbox"/>	DRAWING No.
BACKCHECKED:	BARNEY FIFE	<input checked="" type="checkbox"/>	DATE:	03/15/15	<input checked="" type="checkbox"/>	
CORRECTED:	ANDY TAYLOR	<input checked="" type="checkbox"/>	DATE:	04/01/15	<input checked="" type="checkbox"/>	13- 12346 <input checked="" type="checkbox"/>
VERIFIED:	OTIS CAMPBELL	<input checked="" type="checkbox"/>	DATE:	04/17/15	<input checked="" type="checkbox"/>	

### 1.3.2 How the Buttons Work



#### Roadway Design View

What it does: This icon corresponds to the type of DGN file opened. It has no other function.



#### Update all title blocks in DGN

What it does: It updates the checked fields in ALL the title blocks in the DGN.

Where data entered for fields with checked boxes is entered for title block one, then the data entered for fields with checked boxes is entered for title block two, etc.

This tool is different from Batch.



#### Reload from DGN

What it does: Retrieves title block information from the DGN and populates the fields in the dialog box.



**Retrieve Last Version**

What it does: After using the Update tool, Retrieve Last Version will bring back the last update and populate the fields in the dialog box.

Note: Only one previous version is saved.



**Close App**

What it does: Closes the dialog box.



**Help**

What it does: Opens this help document.



**Zoom On/Off**

What it does: Opens a View Window and zooms in on the active title block.

If the Window is already open with the active title block, the app does not open a second window.

Note: Zoom is on when the tool turns green.  Zoom



**Hilite On/Off**

What it does: When On the active title block is highlighted in View 1. When Off no title blocks are highlighted.

Note: Hilite is on when the tool turns green.  Highlight

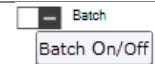


**Batch On/Off**

What it does: Takes the data entered in a field with a checked box and applies it to all title blocks.

This tool is different from the Update All tool.

Note: Batch is on when the tool turns green.  Batch



**Uncheck All**

What it does: Removes all check marks from the available boxes.



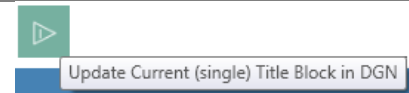
**Check All**

What it does: Adds a check mark in all available boxes.



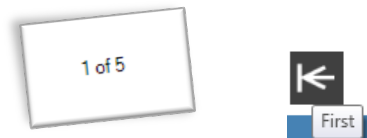
**Update Current (single) Title Block in DGN**

What it does: Applies updates only to the active title block.



**First**

What it does: Goes to the first title block in the DGN.



**Previous**

What it does: Goes to the previous title block in the DGN.



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**Next**

What it does: Goes to the Next title block in the DGN.



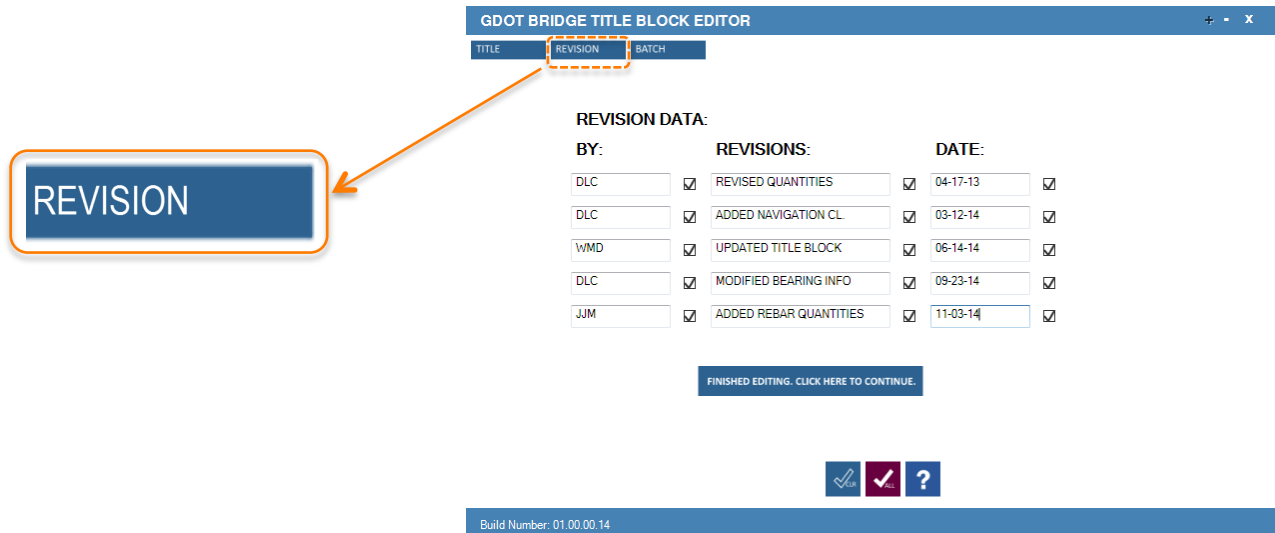
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**Last**

What it does: Goes to the last title block in the DGN.



## 1.4 Revision Tab



### What it does:

Fields corresponding to the title block revision fields can be updated. Only fields with check marks in the boxes will be updated.

#### 1.4.1 How the Buttons Work

##### Finished Editing

What it does: Returns to the Title Tab.

##### Uncheck All

What it does: Removes all check marks from the available boxes.

##### Check All

What it does: Adds a check mark in all available boxes.

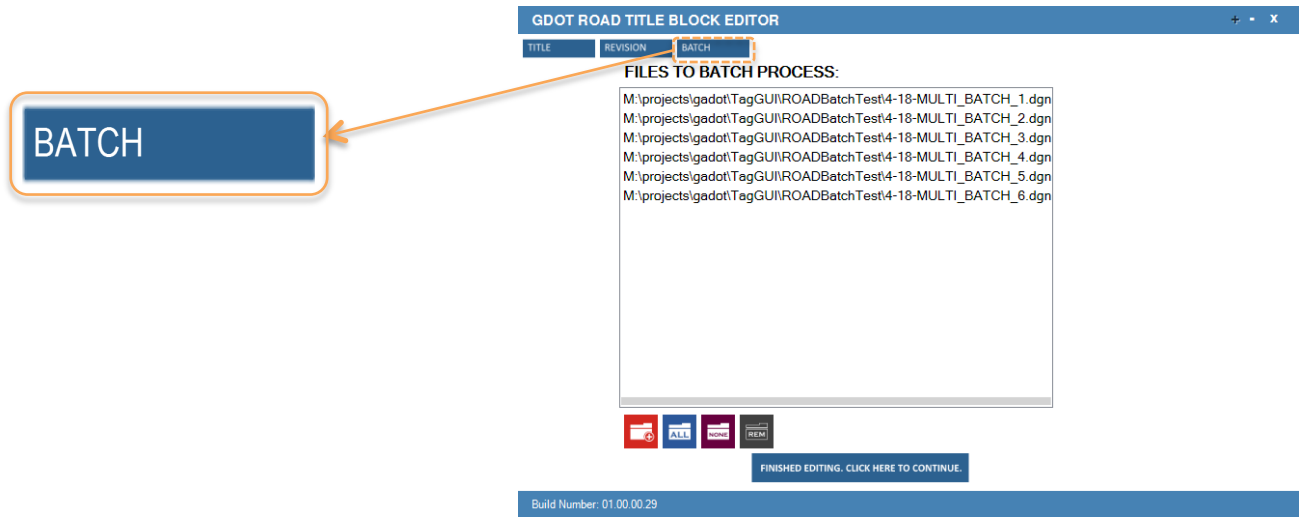
##### Help

What it does: Opens the help document.

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## 1.5 Batch Tab

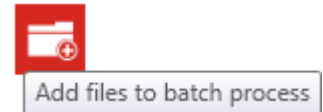


### 1.5.1 How the Buttons Work



#### Add files to batch process

What it does: Opens a dialog box to allow files to be selected for batch processing.



#### Select all files

What it does: Selects all files in list.



#### Remove file selection

What it does: Removes selection of all file locations.



#### Delete all files

What it does: All file locations are removed (the list is empty).



#### Finished Editing

What it does: Returns to the Title tab.



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