MONTANA
Department of Transportation

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MDT Civil 3D State Kit - Apply Layer State

YOUTUBE VIDEO DOCUMENTATION

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OVERVIEW

A layer state is a snapshot of layers with layer property setting. A layer state can be saved in a drawing or exported to file to be restored at any time. Layer States can be managed in the Layer States Manager (using the **LAYERSTATE** command).

The standard AutoCAD layer state restore function applies layer property settings to matching layers that are in the *current drawing* but does not apply layer property settings to matching named xref layers. The custom **Apply Layer State** command allows to restore a selected layer state to the drawing, with the option to apply the layer property settings to any matching named xref layers and append the applied xref layer settings to the saved layer state.

The **Apply Layer State** command is developed and provided by WisDOT.

COMPANION DOCUMENTATION

YouTube Video Link: https://youtu.be/U2YD2Ot9upY?si=6uqOUpNpWKIaDvWs

USING THE COMMAND

1. Type **MDTApplyLayerState** at the command line or press the **Apply Layer State** ribbon button.
2. The **Apply Layer State** dialog box will appear.
3. Layer states dropdown menu
    a. Lists all the saved layer states in the active drawing.
    b. Select a layer state to apply.
4. Apply to Xref Layers not in Layer State
    a. Check/uncheck the box to include/exclude matching xref layers when applying the layer state.
    b. When checked, the selected layer state will be appended to include the xref layers that were not previously included.
5. Layer properties to restore
    a. Check/uncheck boxes to choose the layer properties to restore from the layer state.
    b. Use Select All/Clear All to quickly check/uncheck all of the boxes.
6. Click “OK” to apply the layer state.
7. Layer property settings will be updated in the drawing.