MONTANA
Department of Transportation

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MDT Civil 3D State Kit - Create Surface Profiles

YOUTUBE VIDEO DOCUMENTATION

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OVERVIEW

The **Create Surface Profiles** command will create multiple surface profiles at once. It can be used as a batch surface profile creation tool. The command functions similar to the standard Civil 3D Create Surface Profile command but allows for multiple alignments to be selected.

The **Create Surface Profiles** command is developed and provided by WisDOT.

COMPANION DOCUMENTATION

YouTube Video Link: https://youtu.be/Sl4PYtnXrNQ?si=2KrrEfbRBtqwmrsp

USING THE COMMAND

1. Type **MDTCreateSurfaceProfiles** at the command line or press the **Create Surface Profiles** ribbon button.
2. Select one or more Alignments from the list box (Use *ctrl-select* or *shift-select* to select multiple alignments.) or use the pick button to manually select an alignment from model space.
3. Select a surface from the surface dropdown menu or use the pick button to manually select a surface from model space.
4. Set a profile style and profile label set style.
5. Click “Add>>” to create the profile parameter values.
6. Edit any profile values in the profile list box, if desired.
7. Repeat 2-6 for different alignment/surface/style combinations, if desired.
8. Use the “Remove” button to remove a profile, if desired.
9. Click “OK” to create the surface profiles. **(Profiles are not created until clicking “OK”.)**
10. Surface profiles will be created.
11. Click “Close” to exit the command.