MONTANA
Department of Transportation

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MDT Civil 3D State Kit - Move Pipe Along Profile

YOUTUBE VIDEO DOCUMENTATION

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OVERVIEW

The **Move Pipe Along Profile** command will move a pipe end and optionally a connected structure along an alignment/profile to a new elevation and location in a profile view. The new location will also be reflected in plan view.

The **Move Pipe Along Profile** command is developed and provided by the Alaska DOT.

COMPANION DOCUMENTATION

YouTube Video Link: https://youtu.be/2EpnVbJYwbw?si=cynG-82lBzvqX83G

USING THE COMMAND

MOVE A PIPE START OR END TO A NEW ELEVATION AND LOCATION.

1. Type **MDTPipeAlongProfile** at the command line or press the **Move Pipe Along Profile** ribbon button.
2. Select a pipe in a Profile View.
3. Select End Invert Location or Enter Grade [Start Crown Grade]:
    a. (Optional) Select Start to place the **start** location instead.
    b. (Optional) Select Crown to place by the **crown** of the pipe instead of the invert.
    c. (Optional) Select Grade to lock in a pipe slope value.
        i. Enter Grade from Start to End Point in % Format <2.0000>:
        ii. Select End Location, or Reset/Unlock Grade [Unlock Grade/Grade]:
4. Pick a point in the profile view for the pipe location.
5. Would you like to move structure <Structure Name> ? [Yes No] <Yes>:
    a. Choose whether to move a connected structure along with the pipe.
6. Pipe start or end (and optionally, structure) location will be updated in profile view and plan view.