



MONTANA

Department of Transportation

August 2025

MDT Civil 3D State Kit -
Move Pipe Along Profile

YOUTUBE VIDEO DOCUMENTATION

TABLE OF CONTENTS

Table of Contents	2
Overview	3
Companion Documentation	3
Using the Command.....	3

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 **crow**n 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.