MONTANA
Department of Transportation

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MDT Civil 3D State Kit - Move Pipe End in 3D View

YOUTUBE VIDEO DOCUMENTATION

TABLE OF CONTENTS

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

OVERVIEW

A feature of pipe network pipe parts is they can be grip edited and snapped to another part or other object. While this works well in a plan view to snap a pipe end to an X,Y coordinate, it does not always work when attempting to snap a pipe end to an X,Y,*Z* coordinate.

The **Move Pipe End in 3D View** command will move a pipe end to a location and a specified elevation. If Inlet/Outlet structures are connected to the pipe, they will be moved, reconnected, and rotated to match the new location and bearing of the pipe.

While a grip edit will only allow to place a pipe end at the location of the grip (centerline of pipe), **Move Pipe End in 3D View** allows to set the pipe end reference elevation from the bottom, flowline, centerline, crown, or top of the pipe.

The **Move Pipe End in 3D View** command is developed and provided by WisDOT.

COMPANION DOCUMENTATION

YouTube Video Link: https://youtu.be/oY3-EMVFBZQ?si=Rh0T4IbuhaSGjf6w

USING THE COMMAND

1. Type **MDTMovePipeEnd** at the command line or press the **Move Pipe End in 3D View** ribbon button.
2. Select Pipe end to move:
    a. Select the pipe at a point along the pipe from the midpoint towards the end of the pipe to be moved.
3. Using object snaps, select the X,Y,Z location to snap the pipe end to.
4. Select Pipe reference location [Bottom Flowline Centerline Crown Top] <Centerline>
    a. Select the reference location on the pipe to set the pipe end elevation.
5. Pipe end will relocate and connected inlet/outlet structures will rotate with the pipe.
6. The command will continue. Select another pipe end, or press **<enter>** to exit.