MONTANA
Department of Transportation

April 2025

MDT Civil 3D State Kit - Offset Xref Object

YOUTUBE VIDEO DOCUMENTATION

TABLE OF CONTENTS

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

OVERVIEW

The AutoCAD Express Tool command, Copy Nested Objects (**NCOPY**) can copy an object from an xref to the current drawing. The **Offset Xref Object** command allows to copy an xref line, polyline, circle, or arc to the current drawing *at an offset*.

The **Offset Xref Object** command is developed and provided by MDT.

COMPANION DOCUMENTATION

YouTube Video Link: https://youtu.be/PnXD9ZrhcWQ?si=XnYvUH1xDAXrjIy9

USING THE COMMAND

1. Type **MDTOFFXLINE** at the command line or press the **Offset Xref Object** ribbon button.
2. Enter the offset distance (Default is 10.00).
3. Select Xref line, polyline, circle, or arc to offset to current layer:
    a. Select a valid object in an xref.
4. Pick a side to offset.
5. Object will be copied to the current layer at the offset distance specified.
6. The command will continue. Pick another xref object to offset or press **<enter>** to quit.