

SURVEY MAPPER

SURVEY FIELD TO FINISH AUTO DRAW SOFTWARE



SURVEY MAPPER SUPPORTS

Projects Supported:

- Utilities, Railroad, Pipeline, Right-of-Way, GIS, CAD, DOT, PHMSA, FERC, FEMA, PUBLIC, RRC

Processes Automated:

- Surveying Field to Finish, Trimble TBC FXL, Autodesk C3D DWG, GIS

Trimble TBC FXL file:

- Comes with a ready-to-work Trimble TBC “FXL” file for Surveying
- All codes are configurable
- Ready to load

Autodesk AutoCAD C3D file:

- Comes with a Autodesk AutoCAD C3D Survey Database Engine
- Automates linework draw-up with blocks, symbols layers and 32 attributes
- All codes, blocks, layers, linetypes are configurable

Formats Supported:

- Trimble, Autodesk C3D, Microsoft Excel, CSV

Survey Mapper Support

- 1) Comes with a Survey Mapper FXL Code file
- 2) Survey Management Plan
- 3) Survey Database Settings
- 4) Survey Description Key Code List
- 5) Field to Finish Standards
- 6) Survey Finish Tool
- 7) TBC Training eLearning Video

Survey Management Plan

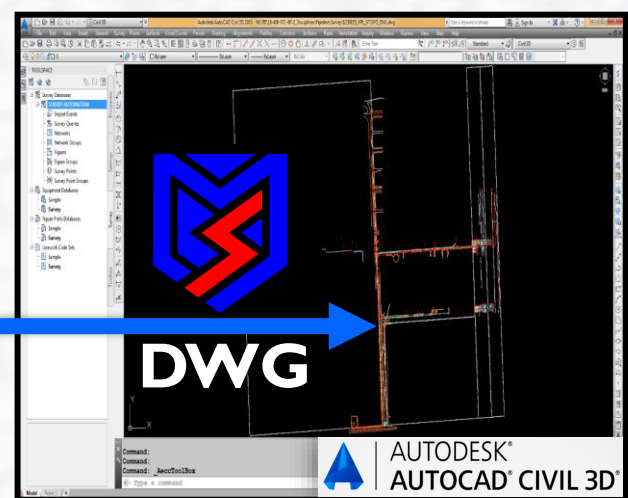
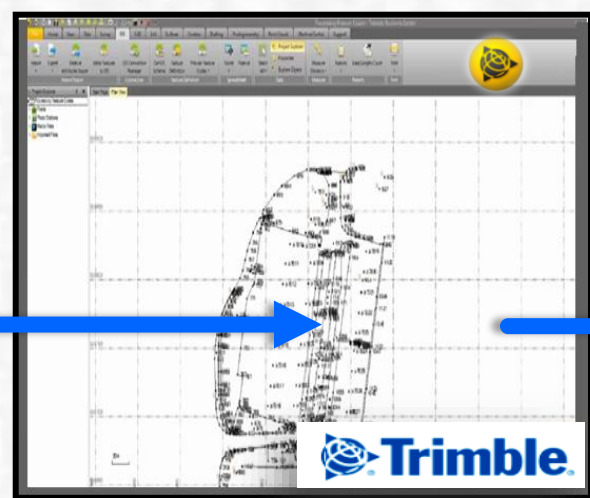
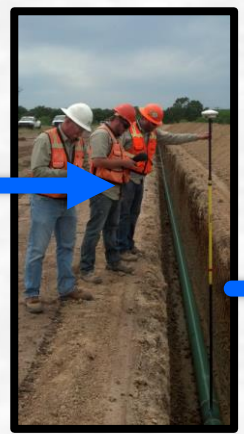
Project #		Not Started	<input checked="" type="checkbox"/>	Started	<input type="checkbox"/>	Issues	<input type="checkbox"/>	Complete	<input checked="" type="checkbox"/>	Approved	<input checked="" type="checkbox"/>
Project Name											
Description											

Item No.	Survey Work Task	Start Date	CONSTRUCTION										AS-BUILT										End Date							
			Alignment / Reroute	Plat Exhibit	Right-of-Way	Crossings	Topo	Line Locating	Wellheads	HDD Bore (X-Y-Z Locations)	Pipe Material (X-Y-Z Locations)	Bore (X-Y-Z Locations)	PI Bands / Elbows	HDD Bends	Flanges	Valves	Weld Xray #	Weld Joint #	Weld Heat #	Pipe Code # (Sequence #)	Rectifier Site	Test Leads		CAD Weids	Anodes	Coupons	Warning Signs	AGMs		
1.0																														

Survey Finish Tool 3/24/2021

Clean Survey Data Start at Column E	Search & Replace the Table List of Text in Sheet1	Clear Table List of Text	Combine Survey Data Columns F-Z to AA	Parse Survey Data Start at Column E	Search & Replace Descriptor
Clean Survey Data	Search	Replace	Add Prefix Text	Combine ALL Sheets into One Sheet	
EPL			Add Suffix Text	Delete All Duplicate ROWs from A1-AA	
FC			Reverse Text		

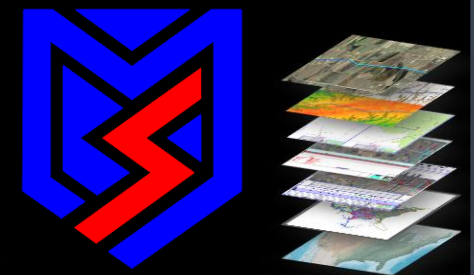
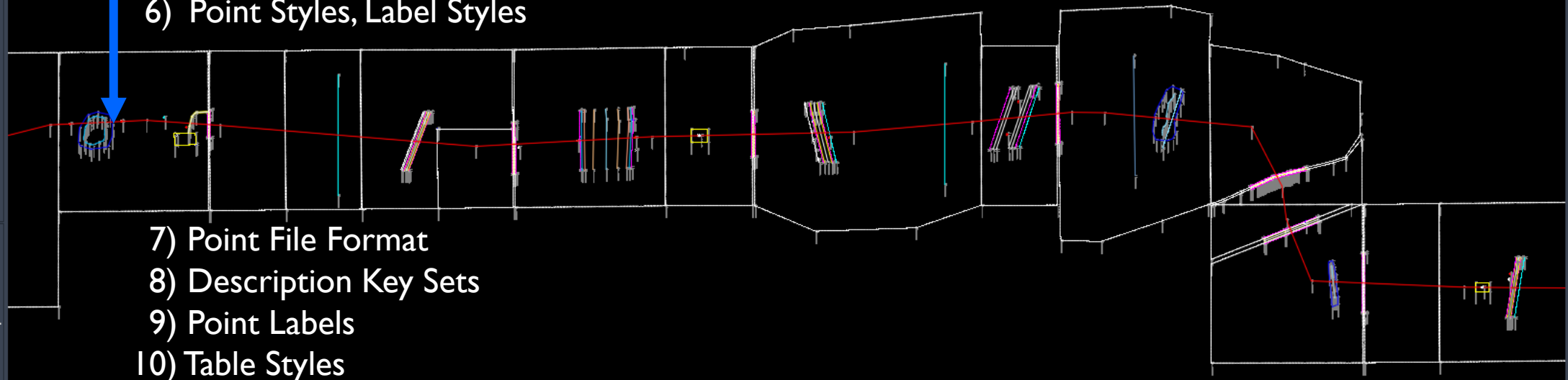
GIS Descriptor Labels to Change	
Roads	COUNTY
C/L HIGHWAY 249, ASPHALT, 50' WIDE	PRIVATE
U+2104 OF ROAD, DIRT	FM
Waterways	LEASE
C/L BIG BEND RIVER, 120' WIDE	FIELD
U+2104 TOMS CREEK, 54' WIDE	DIRT
Pipelines	DRIVEWAY
	PRIVATE
	US HWY
	INT HWY
	LOOP
	BAYOU
	CANAL



Survey Mapper Autodesk Support

- 1) Comes with a AutoCAD Civil 3D Survey Mapper Template
- 2) Survey Database Settings
- 3) Survey Equipment Database
- 4) Figure Prefix Database
- 5) Linework Code Sets
- 6) Point Styles, Label Styles

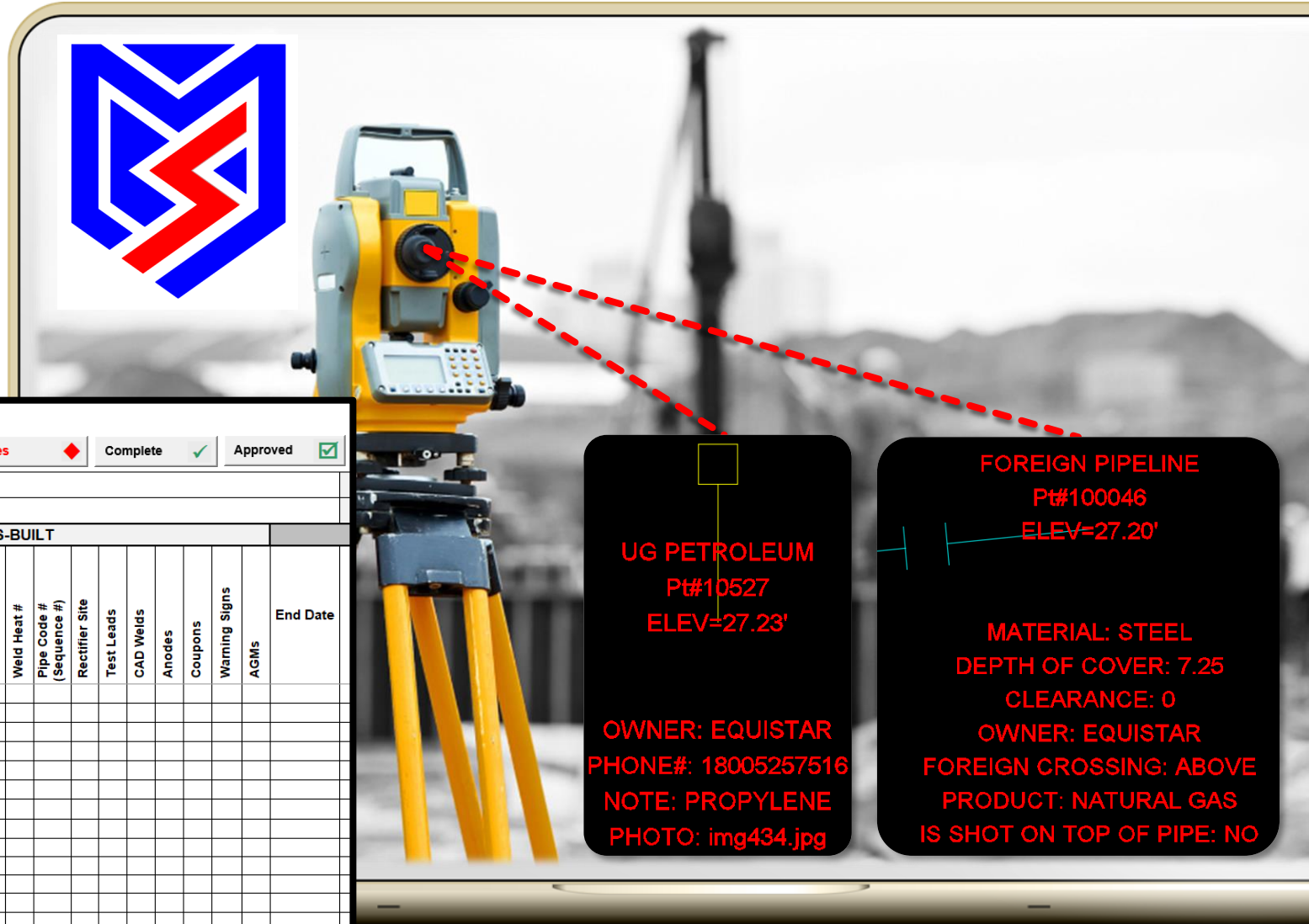
- 7) Point File Format
- 8) Description Key Sets
- 9) Point Labels
- 10) Table Styles
- 11) AECC Conversion lisp/scripts
- 12) 1000's Layers, Blocks, Linetypes



1 of the monitored system variables has changed from the preferred value. Use SYSVARMONITOR command to view changes.
**** No System Variable Changed ****
Type a command

SURVEY MANAGEMENT SUPPORT FOR ALL PROJECT PHASES

The Survey Management Plan will give your Survey Managers complete transparent support for the best communications for all expected deliverables. This line item tool is built for utility and pipeline preliminary, construction and as-built project phases.



Survey Management Plan																										
Project #		Not Started <input checked="" type="checkbox"/> Started <input type="checkbox"/> Issues <input type="checkbox"/> Complete <input checked="" type="checkbox"/> Approved <input checked="" type="checkbox"/>																								
Project Name																										
Description																										
Item No.	Survey Work Task	Start Date	CONSTRUCTION										AS-BUILT										End Date			
			Alignment / Reroute	Plat Exhibit	Right-of-Way	Crossings	Topo	Line Locating	Wetlands	HDD Bore (X-Y-Z Locations)	Pipe Material HDD Contractor Bore (X-Y-Z Locations)	PI Bends / Elbows	HDD Bends	Flanges	Valves	Weld Xray #	Weld Joint #	Weld Heat #	Pipe Code # (Sequence #)	Rectifier Site	Test Leads	CAD Welds		Anodes	Coupons	Warning Signs
1.0																										
1.1																										
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1.9																										
2.0																										
2.1																										
2.2																										
2.3																										
2.4																										


UG PETROLEUM
Pt#10527
ELEV=27.23'

OWNER: EQUISTAR
PHONE#: 18005257516
NOTE: PROPYLENE
PHOTO: img434.jpg

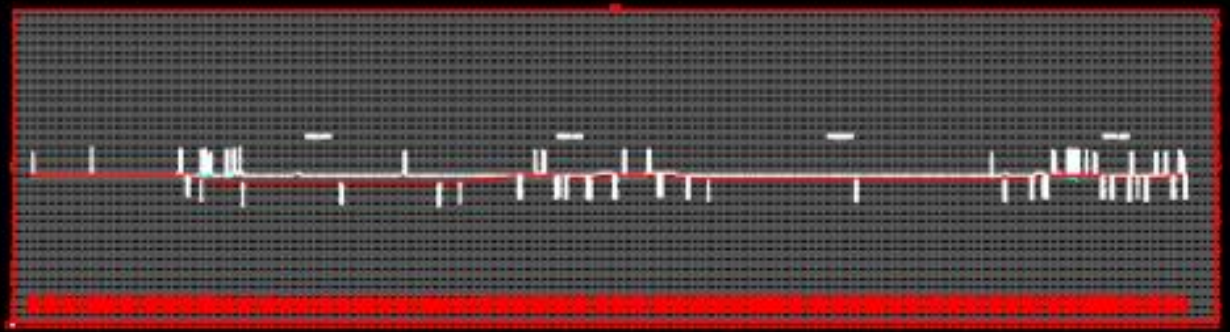
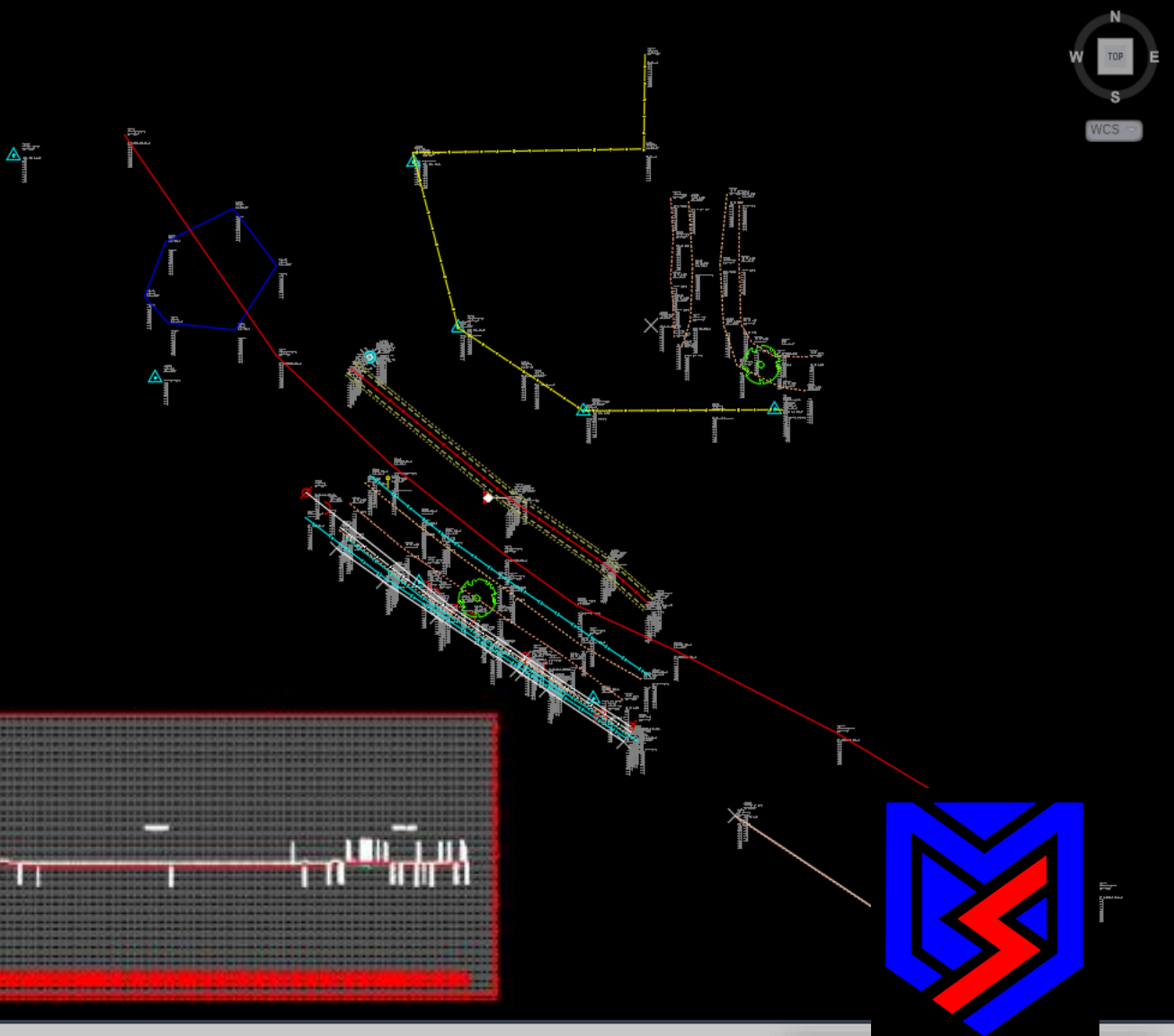
FOREIGN PIPELINE
Pt#100046
ELEV=27.20'

MATERIAL: STEEL
DEPTH OF COVER: 7.25
CLEARANCE: 0
OWNER: EQUISTAR
FOREIGN CROSSING: ABOVE
PRODUCT: NATURAL GAS
IS SHOT ON TOP OF PIPE: NO

SURVEY TECH CAD SUPPORT

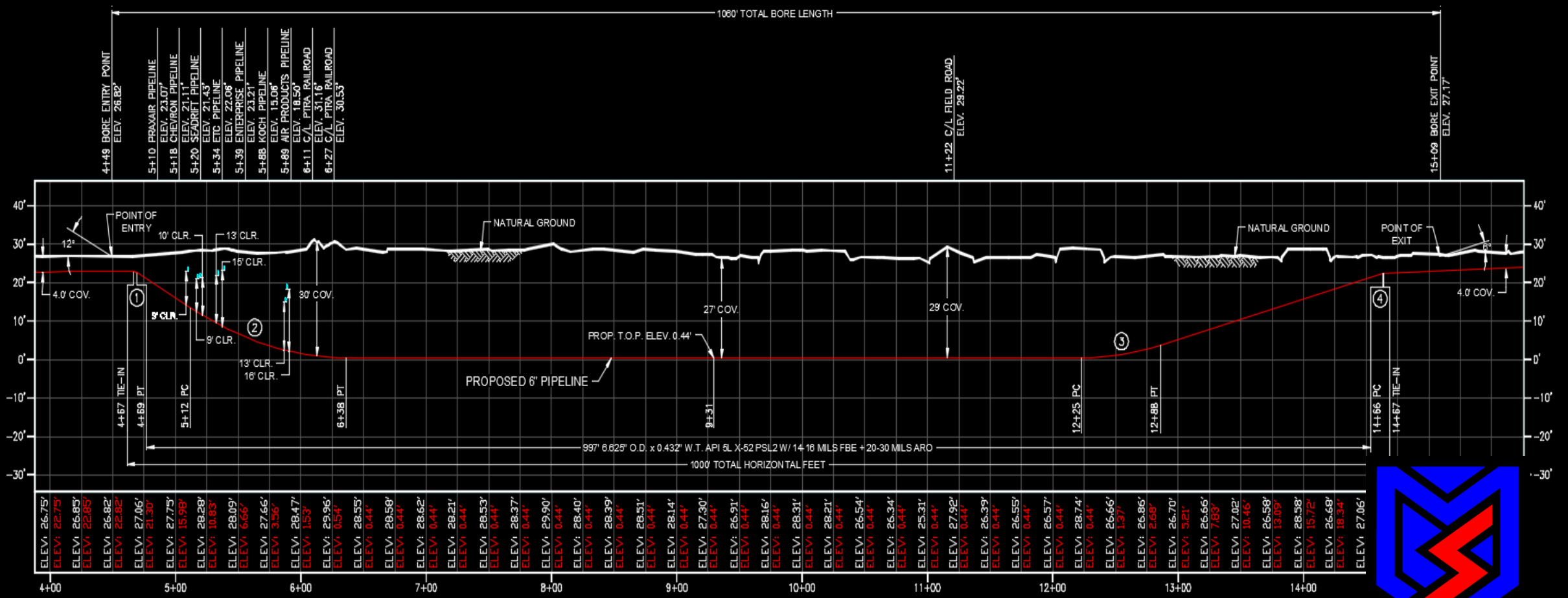
Survey Tech will utilize Survey Mapper to auto-set: points with 31 attributes, blocks, and draw all linework with proper layers and linetypes.

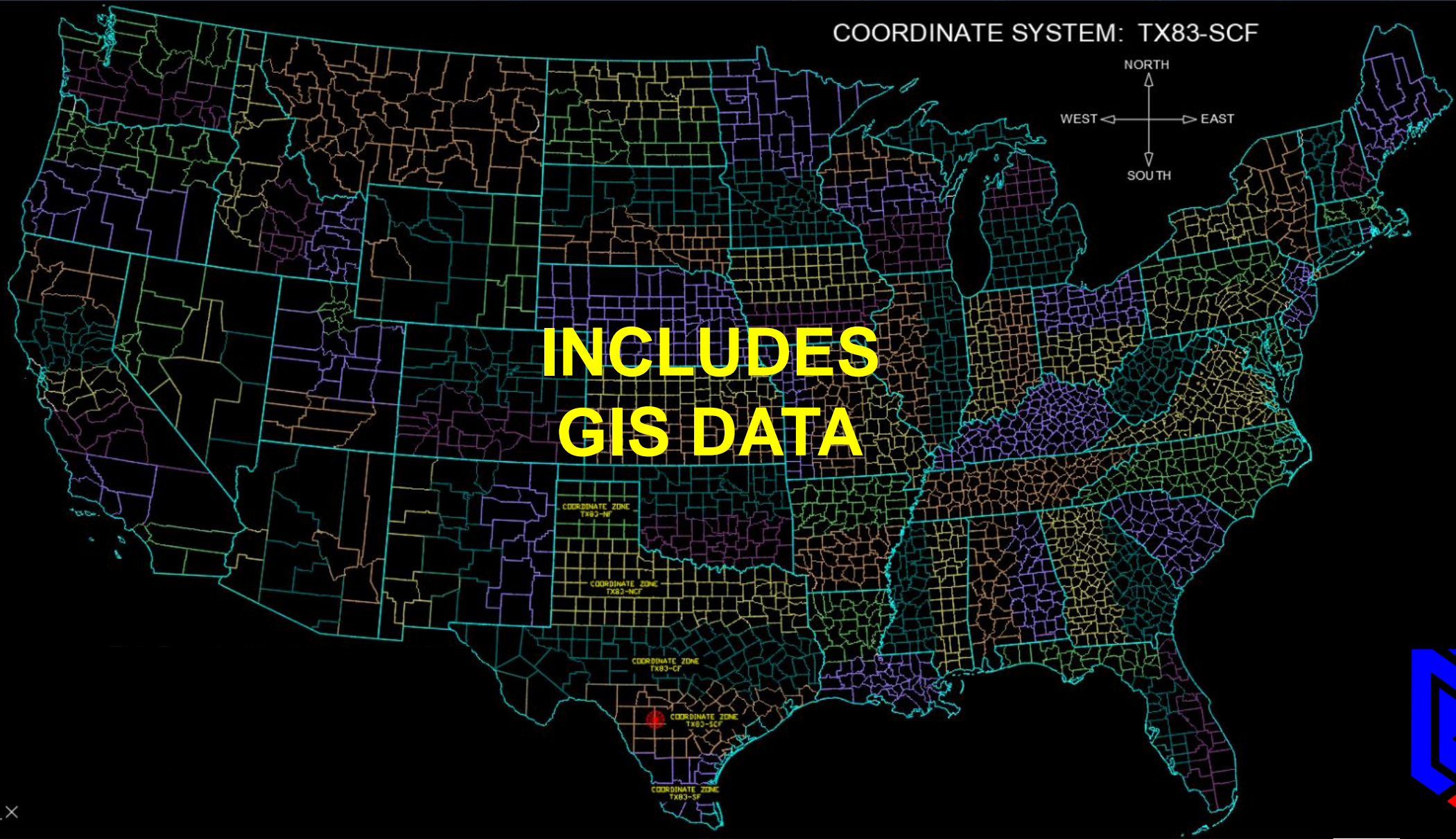
C2D Tool will convert all AECC figure objects to polylines, blocks and symbols on the correct layers and linetypes for quick deliverables and speedy quality checking.

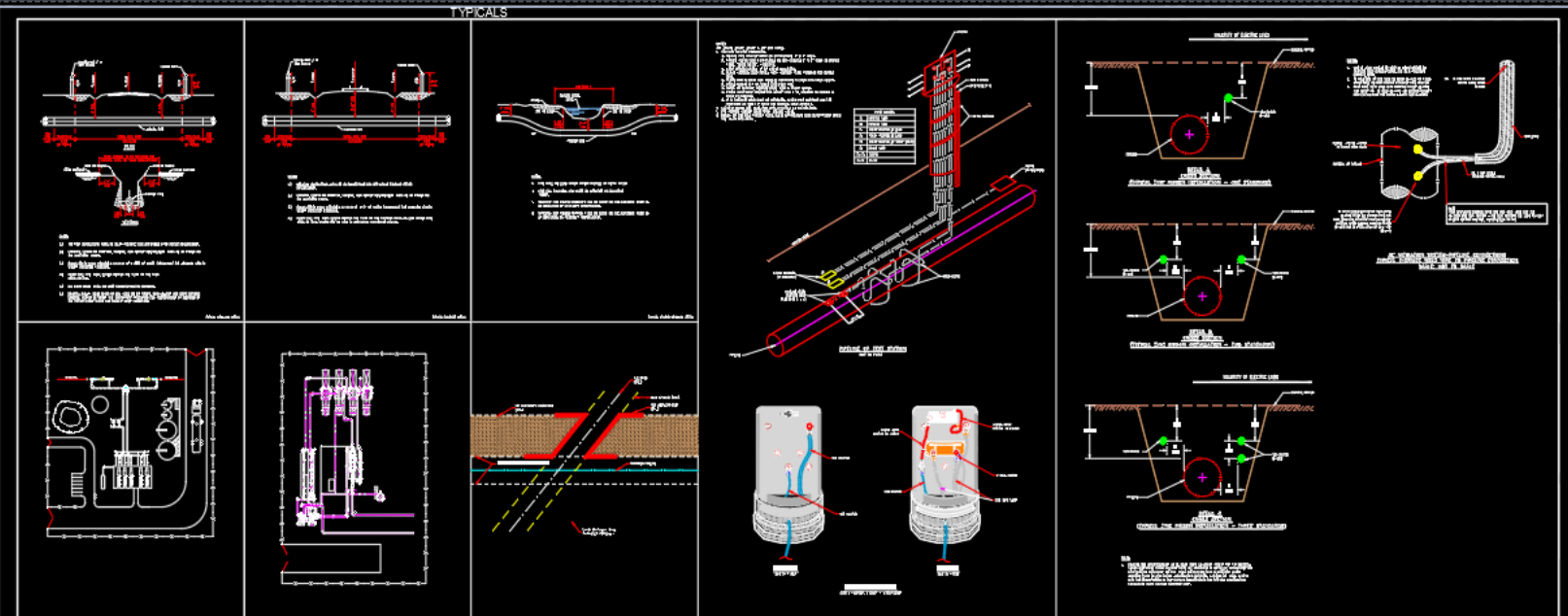


COMES WITH DIRECTIONAL DRILL SUPPORT

Survey Mapper comes with a HDD Template and a Profile Design Template. FDS also provides an eLearning video for HDD development.







**INCLUDES THE
DETAIL DESIGN DWG**





SURVEY MAPPER TRAINING
comes with free eLearning

TRAINING

