

EXISTING PROFILE FROM XS

In the XS DGN file you wish to cut a profile from:

1. Tag Profile Grade & choose your job number if prompted.
2. Fill out the dialog as shown below. Make sure to set Existing and Proposed Ground to Existing Ground symbology.

Profile Grade Report

File

Job: 471 Current Station: 175+00.00 R 1

Chain: H471

Begin Station: 175+00.00 R 1 175+00.00 R 1

End Station: 203+50.00 R 2 203+50.00 R 2

Search Criteria

Existing Ground Line: Display

Proposed Finish Grade: Display

Report Options: Offset

Offset

Offset	Chain	Profile	Preference
0	H471	xp471	DesignAlig

Offset: 0 Station Design Alignment

Store Profile: xp471 Chain: H471

Beginning Point Number:

Pause on Each XS

ASCII File: xp471471.ikb

Apply

Existing Ground Line

Lv Names: XS_X_GROUND

Lv Numbers:

Colors: 2,ByLevel

Styles:

Weights:

Match Display Reset

Proposed Finish Grade

Lv Names: XS_X_GROUND

Lv Numbers:

Colors: 2,ByLevel

Styles:

Weights:

Match Display Reset

3. Another example is shown below when cutting a profile about an alignment other than the Survey Baseline.

File

Job: 471 Current Station: 175+00.00 R 1

Chain: H471

Begin Station: 175+00.00 R 1 175+00.00 R 1

End Station: 203+50.00 R 2 203+50.00 R 2

Search Criteria

Existing Ground Line: Display

Proposed Finish Grade: Display

Report Options: Offset

Offset

Offset	Chain	Profile	Preference
0	DETOUR	xpdetour	Aux Alig

Offset: 0 Station Auxiliary Alignment

Store Profile: xpdetour Chain: DETOUR

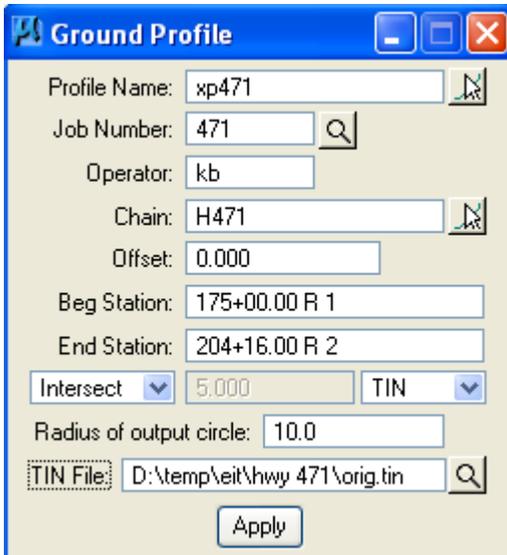
Beginning Point Number:

Pause on Each XS

ASCII File: xpdetour471.ikb

Apply

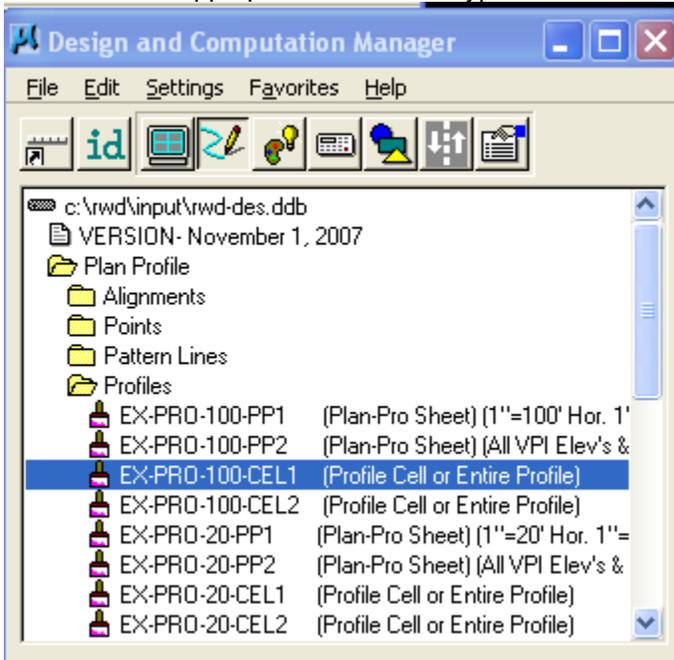
EXISTING PROFILE FROM DTM



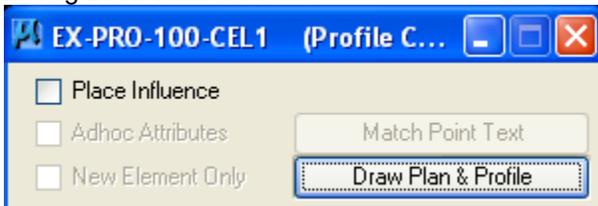
PLOT EXISTING PROFILE

In Profile dgn file.

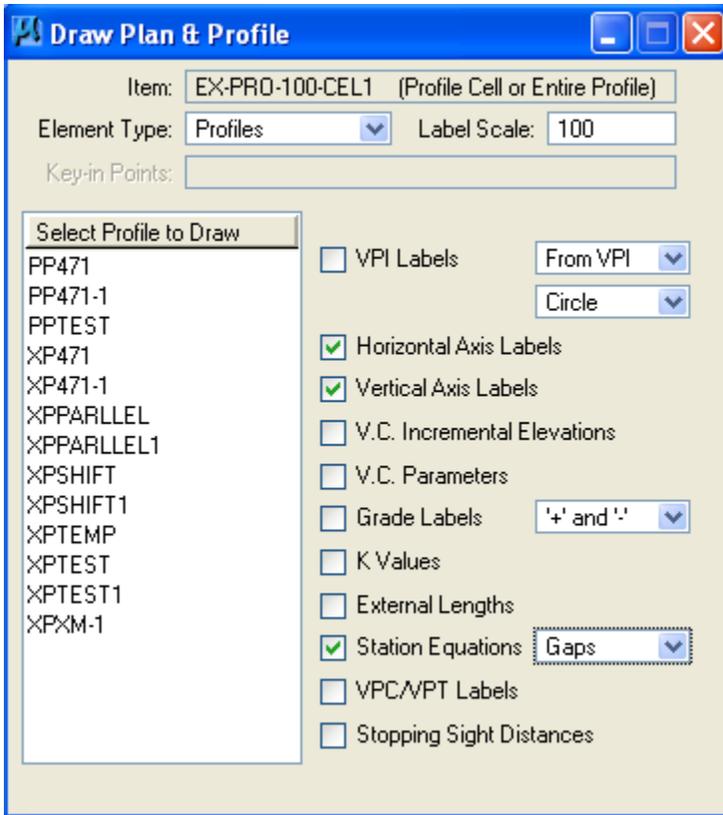
1. Choose the Appropriate Ex. Profile Type



2. Tag Draw Plan & Profile



3. Set the Label Scale which is the Horizontal scale of the profile and turn on Station Equations with GAPS. Then choose the profile to plot.



4. Fill out dialog as shown below and tag DRAW CELL AT XY and then OK to plot profile.

Profile - XP471 [X]

Profile Range

Begin Station: 175+00.00 R 1

End Station: 203+50.00 R 2

Begin Elevation: 376.7800

End Elevation: 358.5800

Maximum Elevation: 377.2200

Minimum Elevation: 358.5800

Plot Settings

Horizontal Scale: 100

Vertical Scale: 10

Begin Station: 175+00.00 R 1

End Station: 203+50.00 R 2

Strip Grade Increment: 50

Profile Reference Point

Reference Station: 175+00.00 R 1

Reference Elevation: 320.0000

X: 1468438.0344

Y: 1886754.1992 **DP**

Profile Cell

PGL Chain: H471

Draw Cell at XY **Identify Cell**

OK **Cancel**