

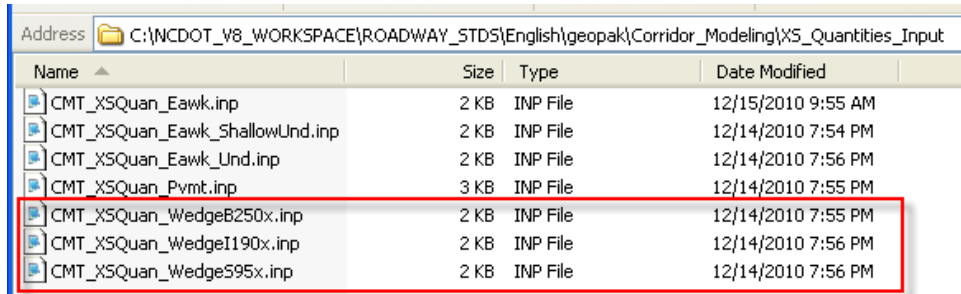
6_4 BASE LAYER WEDGING QUANTITIES

Question:

I have a 2-layer pavement design. When computing the quantities using the wedging inputs, why is the wedge base layer not processed correctly?

Answer:

These three wedge quantities input files were setup based on a 3-layer pavement design.



Name	Size	Type	Date Modified
CMT_XSQuan_Eawk.inp	2 KB	INP File	12/15/2010 9:55 AM
CMT_XSQuan_Eawk_ShallowUnd.inp	2 KB	INP File	12/14/2010 7:54 PM
CMT_XSQuan_Eawk_Und.inp	2 KB	INP File	12/14/2010 7:56 PM
CMT_XSQuan_Pvmt.inp	3 KB	INP File	12/14/2010 7:55 PM
CMT_XSQuan_WedgeB250x.inp	2 KB	INP File	12/14/2010 7:55 PM
CMT_XSQuan_WedgeI190x.inp	2 KB	INP File	12/14/2010 7:56 PM
CMT_XSQuan_WedgeS95x.inp	2 KB	INP File	12/14/2010 7:56 PM

If you have a 2-layer pavement design, use the input file "CMT_XSQuan_WedgeI190x.inp" for the base wedge course and change the proposed undercut soil type from "I19.0x_Wedge" to "B25.0x_Wedge" in the input file.

```
11 Proposed Finish Grade
12     soil type = Suitable
13         type = line, line_string
14         lvname = Prop CMT Pvmt Surface Overlay
15         lvname = Prop CMT Pvmt Surface Shoulder
16         lvname = Prop CMT Conc Surface
17         lvname = Prop CMT Slope Grass
18         lvname = Prop CMT Pvmt Wedge Surface 2
19
20 Proposed Undercut replace
21     soil type = I19.0x_Wedge ←--- B25.0x_Wedge
22         type = line, line_string
23         lvname = Prop CMT Pvmt Course 2 Wedge
24
25 Existing Ground Line
26     soil type = Suitable
27         type = line, line_string
28         lvname = Exist XS Ground Line
29         lvname = Exist XS Void Line
30         lvname = Exist CMT Ground Line
31
```