MnDOT Style Curb

This subassembly creates a cross-sectional representation of a one of the four styles of MnDot curb with the approved gutter width
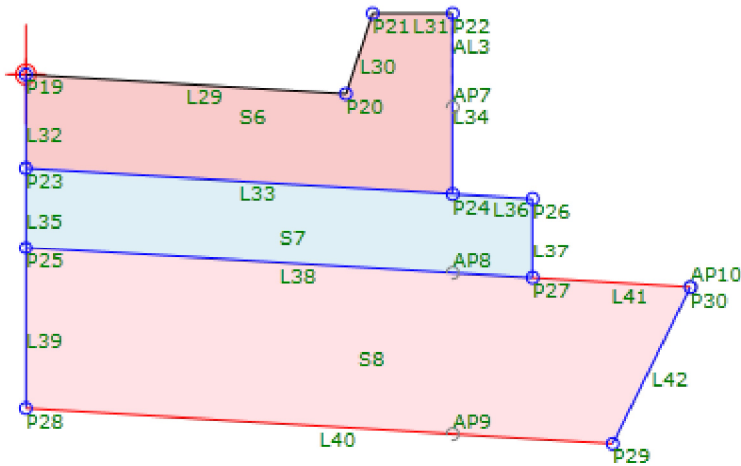

Figure 1: Section View with "B" Style Curb Shown

Curb Styles available in this subassembly with appropriate Gutter width

"B" Style

12", 18", 24" 30", 36"

"D" Style

12", 18", 24"

"S" Style

12", 18", 24", 30", 36"

"V" Style

12", 18", 24", 30", 36"

Subassembly also includes Base (Rock) and SubBase (Sand)

Depth of Base and SubBase is adjustable

Overhang of Base and SubBase is adjustable

Shape Codes have been assigned the OTB standard for both (Base and SubBase)

Value Name	Default Input Value
Side	Left
Curb Style	B
Curb: Gutter Slope	-6.00%
Curb: Gutter Width	_18
SubBase: Depth of	1.00'
SubBase: Extension	1.00'
Base: Depth of	0.50'
Base: Extension	0.50'
Codes: Link, Inside Vertical of Base	0
Codes: Link, Inside Vertical of Su...	None
SubBase: Cut slope	0.50:1
SubBase: Slope of Bottom	-4.00%

Information | Parameters | Codes

Input values:

Figure 3: List of Parameters

Parameters:

Curb Style - Predefined variables of "B" "D" "S" and "V"

Gutter Slope (%) - Slope of the gutter in a percentage

Gutter Width - Predefined variables of "12" "18" "24" "30" "36"

Note: Subassembly will not display if a 30" or 36" width is applied to a "D" Style Curb

Bottom Slope - Bottom slope of the SubBase in a percentage

Depth of SubBase(Ft) - The thickness of the SubBase in feet.

Overhang of SubBase (Ft) - Distance behind the back of curb feet.

Depth of Base(Ft) - The thickness of the Base (or Rock) in Feet.

Overhang of Base(Ft) - Distance behind the back of curb feet.

SubBase Cutslope(:) - The back slope of the subbase

SubBase Bottom Slope(%) - Slope of the bottom link of the SubBase

Note:

In 2013 the Output Parameters created in this subassembly when assigned to another subassembly within the Assembly Properties will not automatically update when these variables are changed. However, the changes will be reflected in the corridor once it has been rebuilt.

If the subassembly is mirrored, that subassembly name should be changed. When another subassembly is using the output parameters value of this subassembly, it will pull the values from the original subassembly within that assembly and not the one that was mirrored.