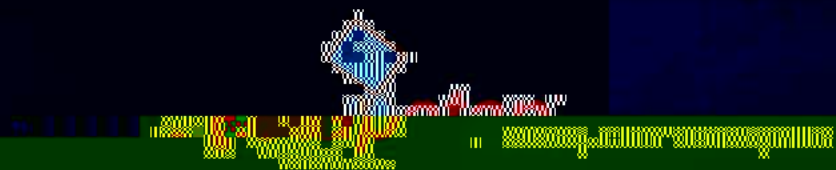


Cable Pulling

**Precise
Flexible
Adaptable**

Accurate prediction of cable pulling forces is essential for the proper design of cable systems. This knowledge makes it possible to avoid under-estimated and/or over-conservative design practices to achieve substantial capital savings during construction. The Cable Pulling module accounts for multiple cables of different sizes and allows complex 3-D pulling path geometry. A point-by-point calculation method is performed at every conduit bend and pull point. Both the forward and reverse pulling tensions are calculated for determining the preferred direction of pull.





3-D Graphical Display

Cable Pulling Results										
Segment		Mechanical Bend				Siderail Pressure		Total Tension		
ID	Length (ft)	Bend ID	Radius (ft)	Angle (deg)	Distance (ft)	Maximum Tension (lb)	Forward Pull (lb)	Reverse Pull (lb)	Net Pull (lb)	Notes
AB	6.0	B-B1	7.0	0.0	1094.0	130.0	4075.1	#		
BC	430.0	C-C1	1.0	45.0	1095.0	1094.0	725.0			
CD	170.0	D-D1	1.0	0.0	1095.0	1632.0	200.0			
DE	12.0	E-E1	1.0	0.0	5637.0	100.0				
	2.0	F-F1	1.0	0.0	5637.0	124.0				

