

Team 7 -BMX Bike Design

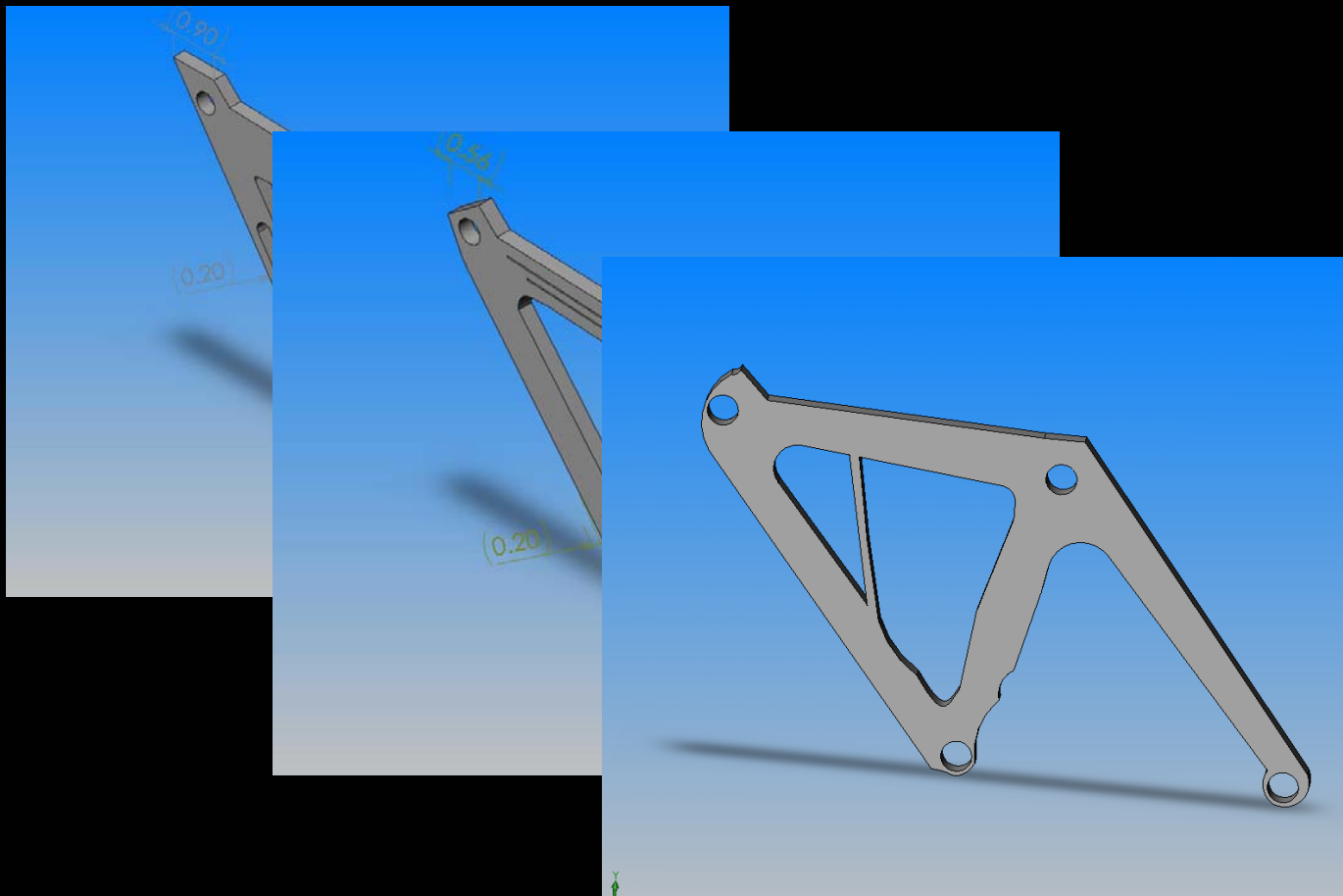
The BMX-XXX

Richard-Duane Chambers

&

John Head

Design Mentality And Evolution



Design Requirements

FEA Results

	Constraints	Version 1	Version 2
Mass (lbs)	.23	.265	.234
Displacement 1 (mm)	.060	.062	.066
Displacement 2 (mm)	.009	.006	.006
Natural Frequency (Hz)	590	478.54	534.55
Cost (\$)	8.60	5.89	5.82