

SENTRY

A dynamic speed bump system
that collapses for emergency services

With Sentry, cities can achieve traffic regulation
without delaying emergency response times.

3-PART SYSTEM



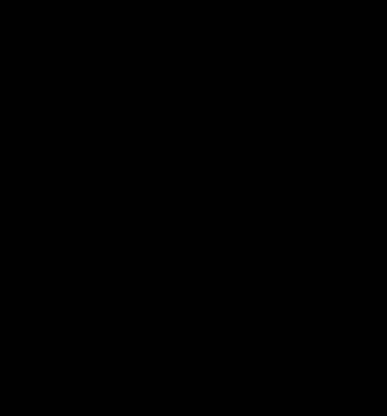
Detection

Sensing platform picks up signal from
emergency service and initiates system response



Signaling

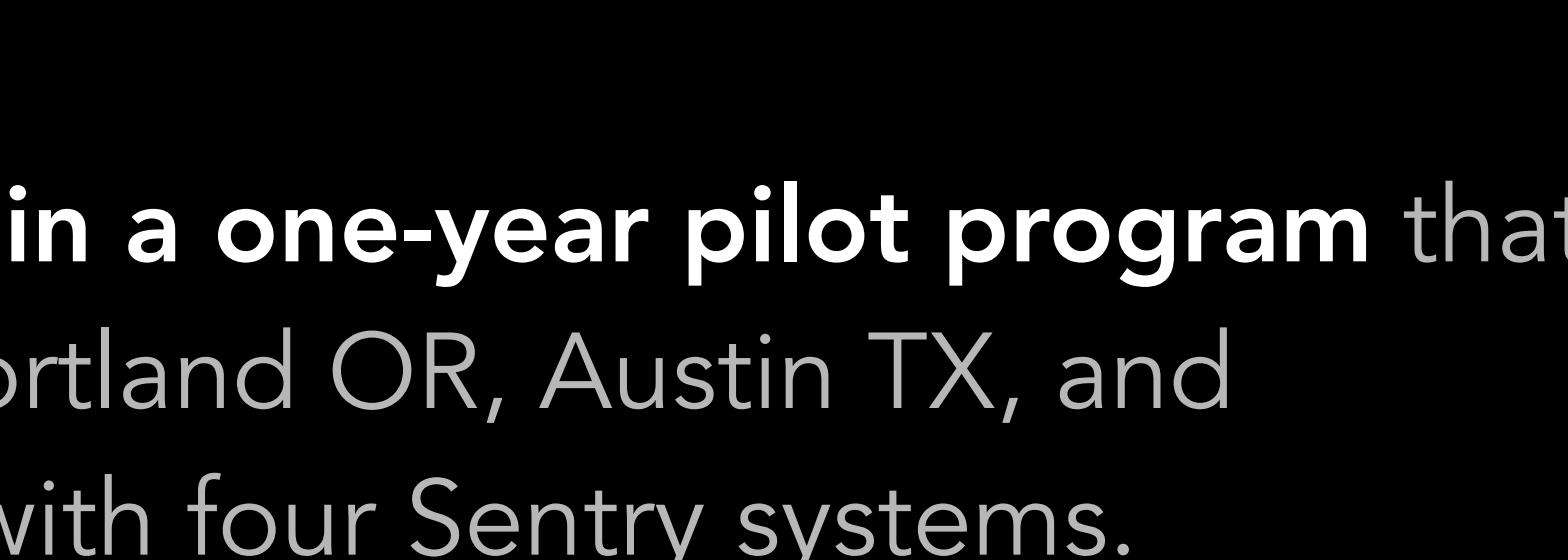
LEDs on sign flash to signal the status of bump
and alert drivers that bump is flattening



Collapsing

Electric scissor jacks actuate to lower steel plates
and flatten bump

Rubber surface



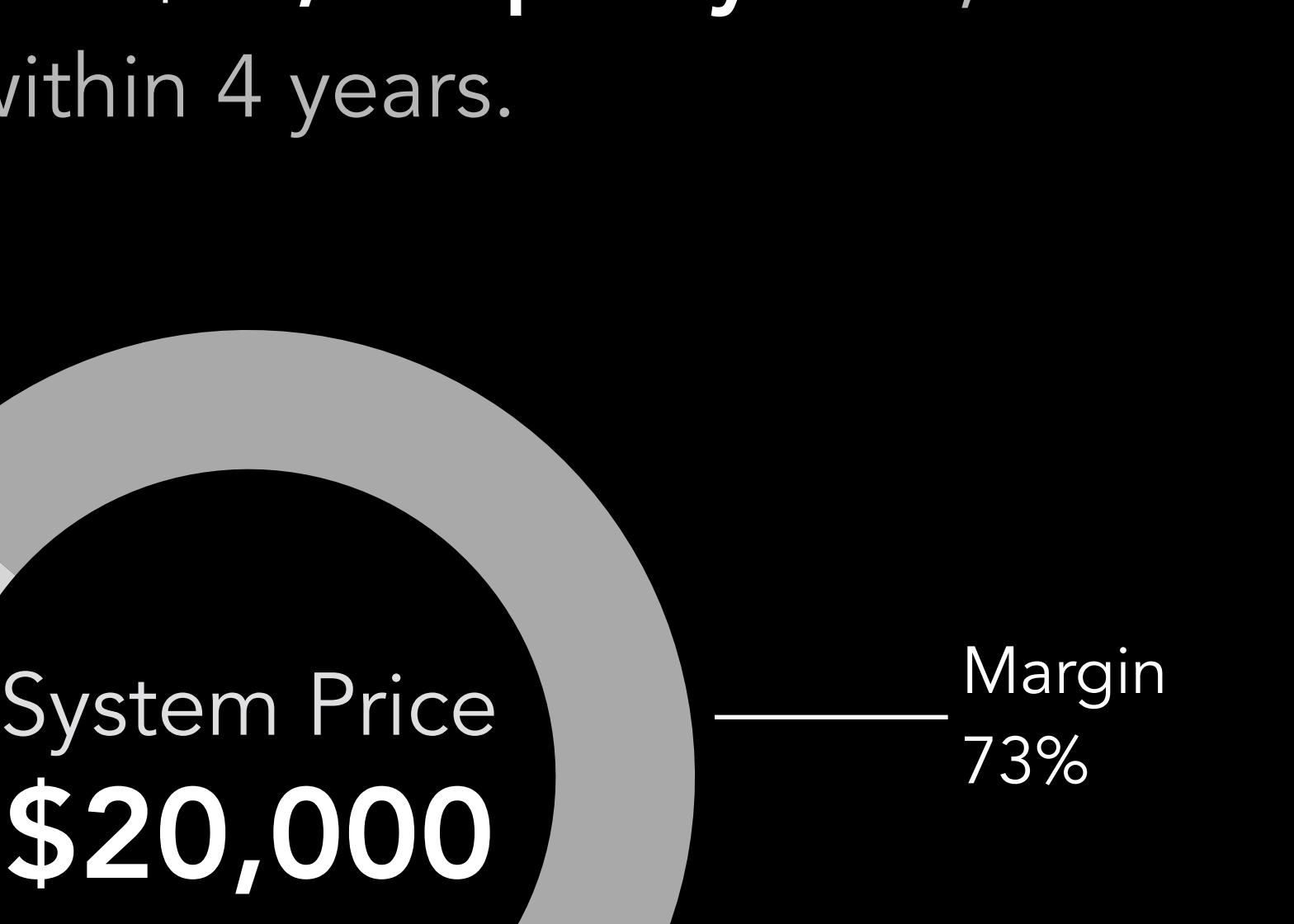
Steel plates



Scissor jacks



Weather-proof enclosure

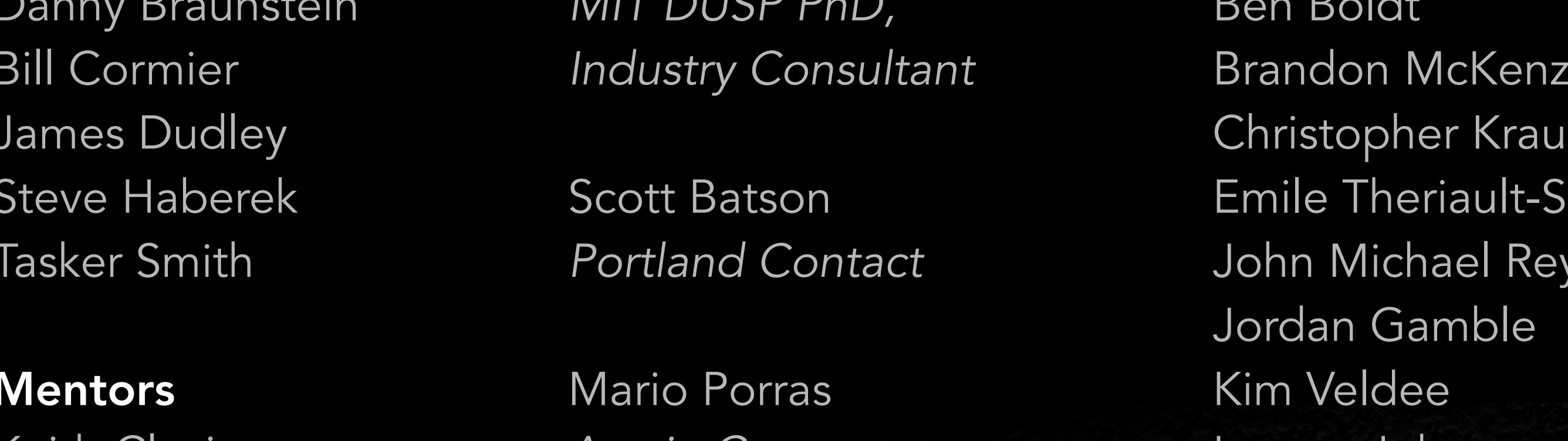


FINANCIAL PROPOSAL

Sentry will be **unveiled in a one-year pilot program** that provides three cities (Portland OR, Austin TX, and Cambridge, MA) each with four Sentry systems.

After the pilot program, Sentry will be **expanded to additional cities** with an intentional focus on those with NACTO membership and high pedestrian fatality rates.

These cities are indicated by dots below.



Instructors

David Wallace
Rich Wiesman
Ellen Roche

Pappalardo Staff

Danny Braunstein
Bill Cormier
James Dudley
Steve Haberek
Tasker Smith

Mentors

Keith Clavin
Aaron Rose
Andy MacInnis
Kevin DiGenova
Robin Miller
Ryan Gulland

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Scott Spence
Welding and Fabrication
Jeffrey Rosenblum
*MIT DUSP PhD,
Industry Consultant*
Scott Batson
Portland Contact
Mario Porras
Austin Contact
MITERS
*Electronic Supply
and Consultation*

Silver Team

Ana Flooks
Ananya Nandy
Annie Zhang
Asli Demir
Ayo Akinbo
Ben Boldt
Brandon McKenzie
Christopher Krause
Emile Theriault-Shay
John Michael Reyes
Jordan Gamble
Kim Veldee
Lauren Johnson
Leandra Zimmermann
Margaret Bertoni
Meghan Kokoski
Riley Davis
Shannon McCoy
Will Popik



THANK YOU!