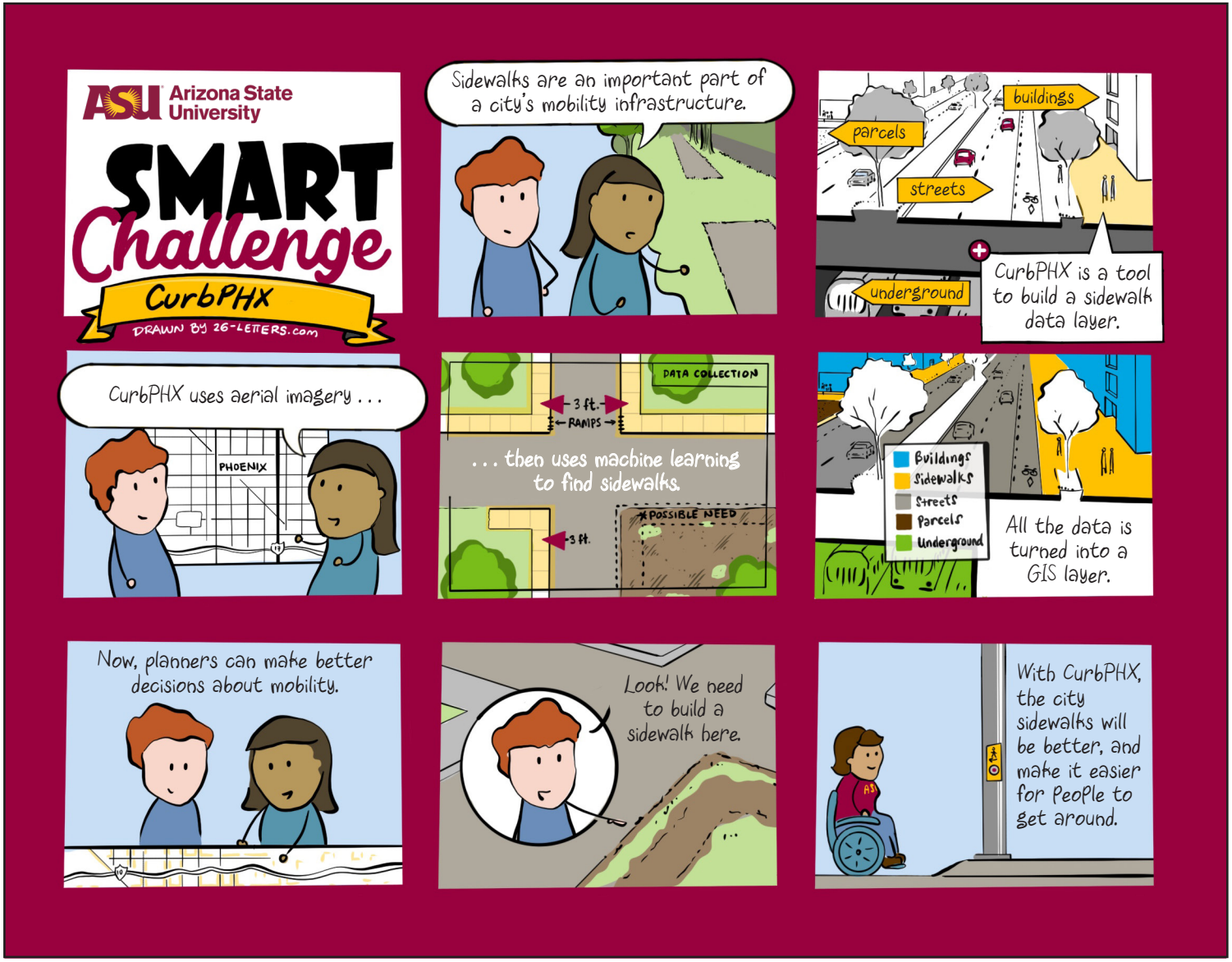
Arizona State University
SMART Challenge
CurbPHX
DRAWN BY 26-LETTERS.com
Sidewalks are an important part of a city's mobility infrastructure.
buildings
parcels
streets
underground
CurbPHX is a tool to build a sidewalk data layer.
CurbPHX uses aerial imagery . . .
PHOENIX
DATA COLLECTION
3 ft.
RAMPS
. . . then uses machine learning to find sidewalks.
3 ft.
POSSIBLE NEED
Buildings
Sidewalks
Streets
Parcels
Underground
All the data is turned into a GIS layer.
Now, planners can make better decisions about mobility.
Look! We need to build a sidewalk here.
With CurbPHX, the city sidewalks will be better, and make it easier for people to get around.