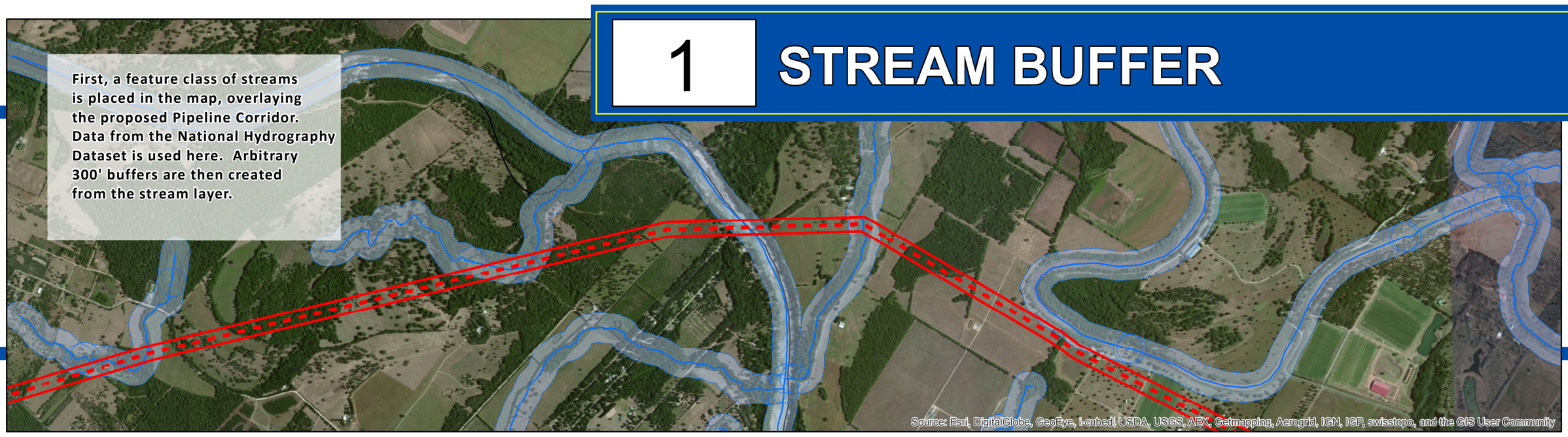
HPA Creation

What is an HPA?

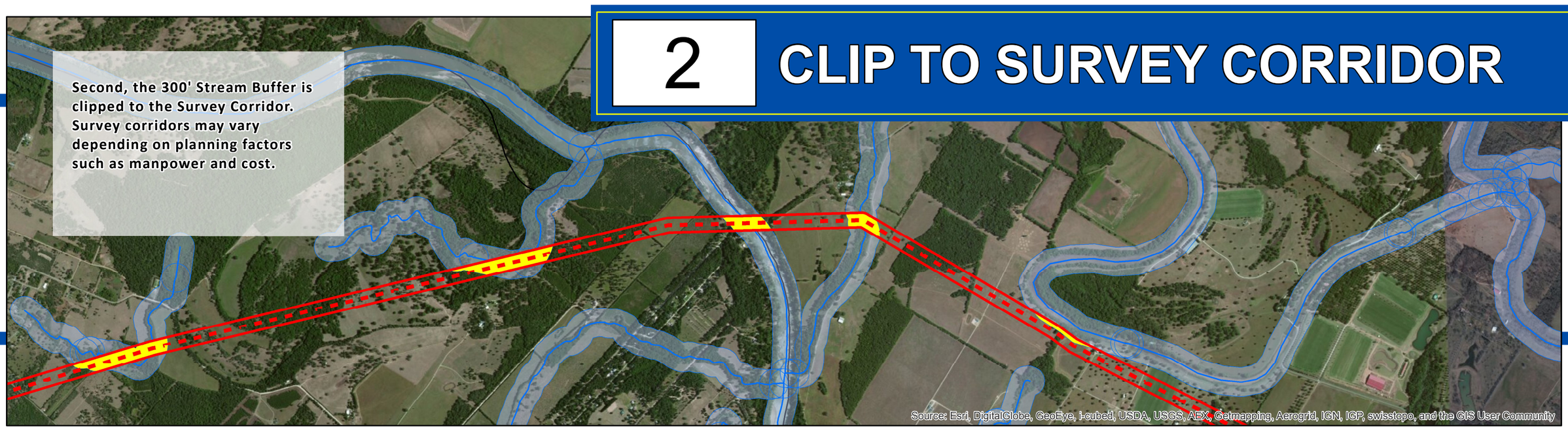
Areas known as High Probability Areas (HPAs) are created along a proposed pipeline survey corridor where it intersects streams and waterbodies, often the location of significant cultural locations. This poster intends to show the step-by-step process of how the HPAs are spatially created.

SWCA Inc., an environmental and cultural resources consulting company, surveys proposed pipelines for Oil and Gas companies to determine if there are any culturally significant sites to avoid. Because of issues involving cost and time, the area surveyed (High Probability Area) is reduced to those deemed potentially significant by professional archaeologists, a task facilitated by GIS analysis.

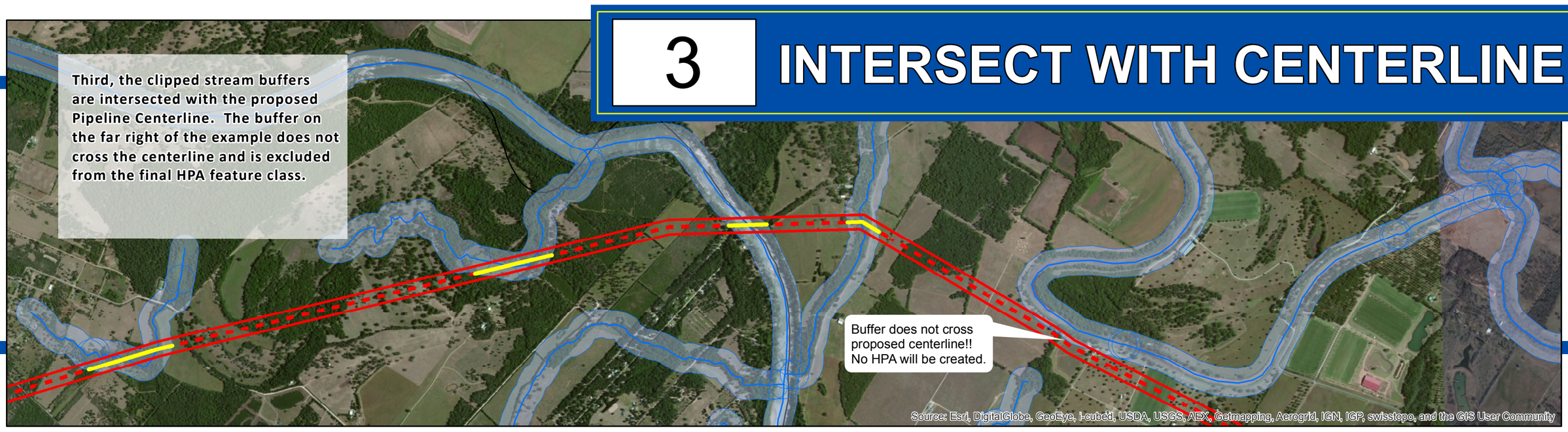
1 STREAM BUFFER



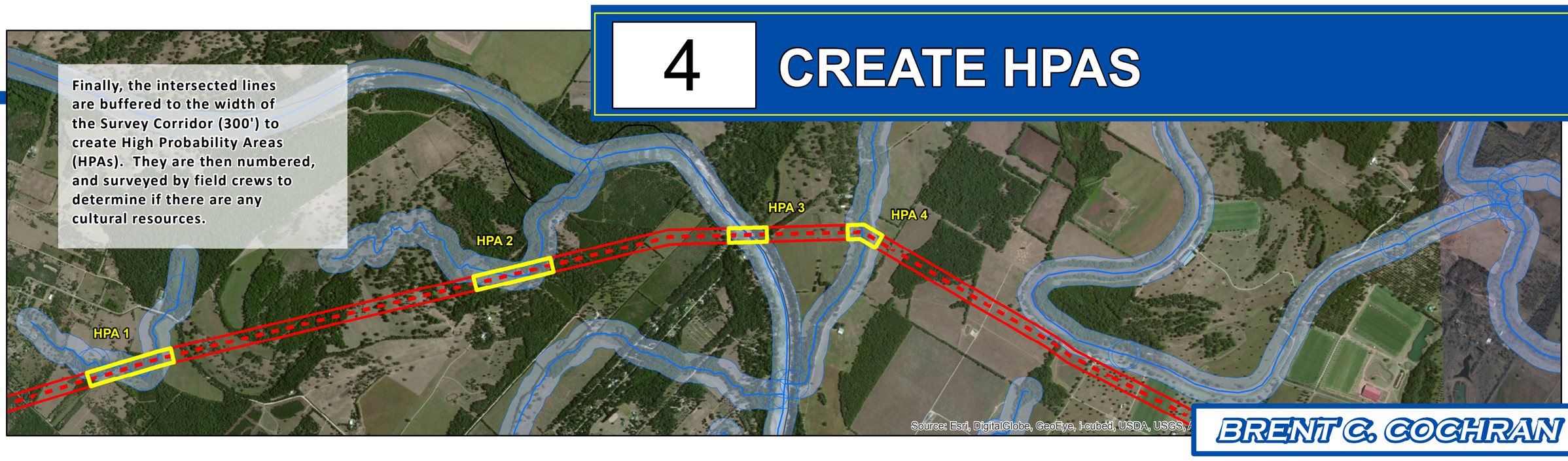
2 CLIP TO SURVEY CORRIDOR



3 INTERSECT WITH CENTERLINE



4 CREATE HPAS



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