

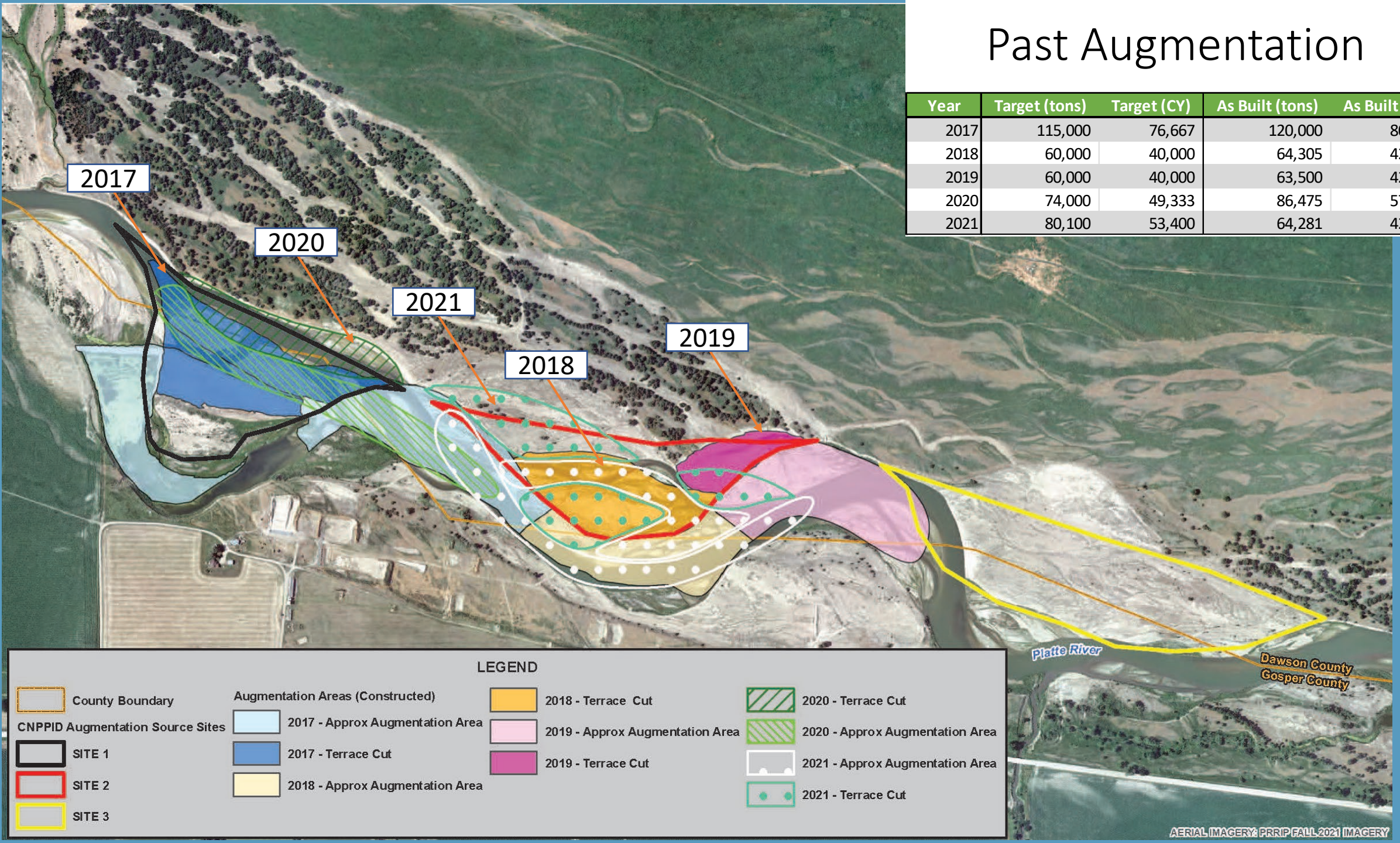
P22-012 Sediment Augmentation

Ed Weschler



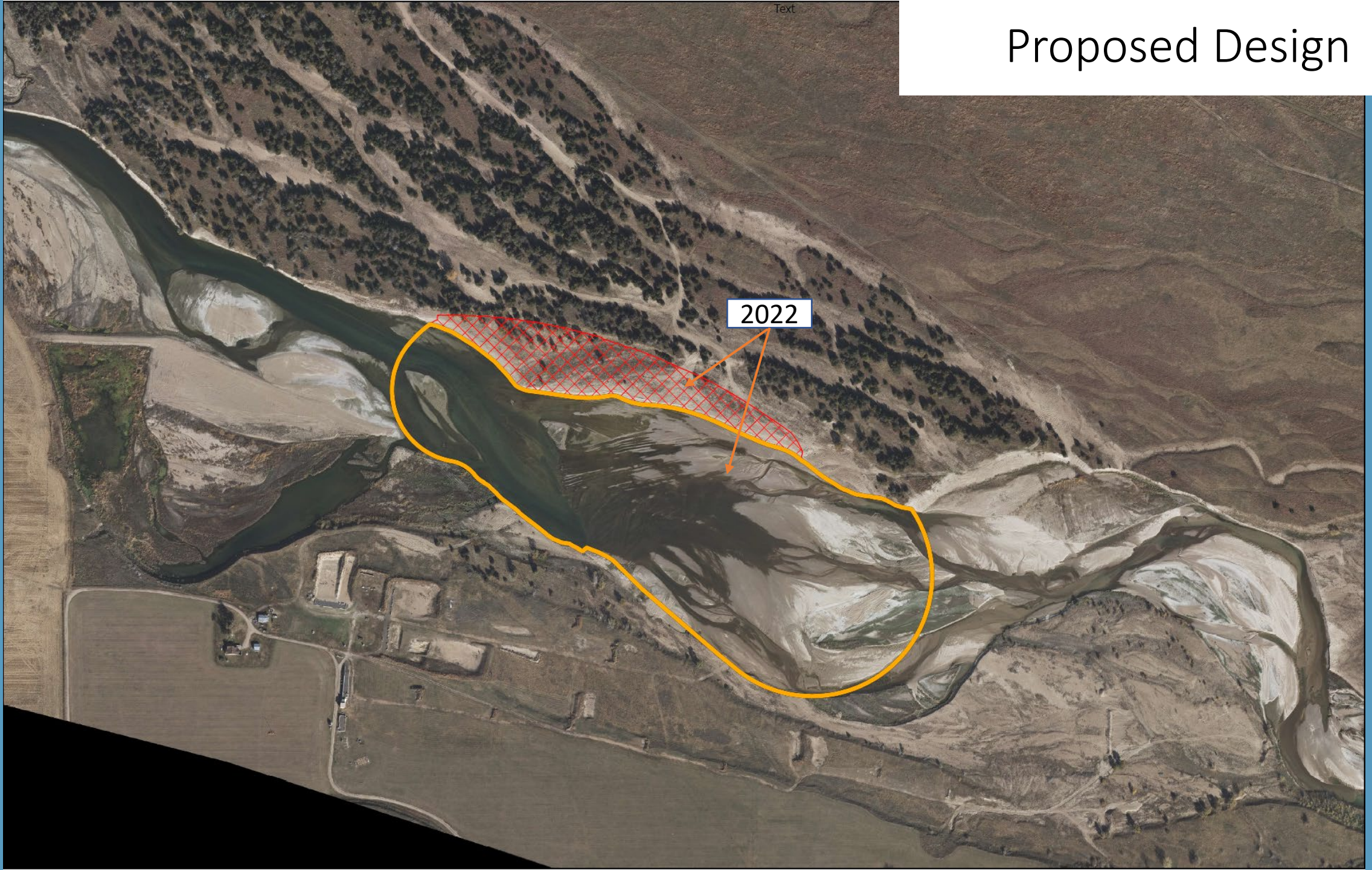
Past Augmentation

Year	Target (tons)	Target (CY)	As Built (tons)	As Built (CY)
2017	115,000	76,667	120,000	80,000
2018	60,000	40,000	64,305	42,870
2019	60,000	40,000	63,500	42,333
2020	74,000	49,333	86,475	57,650
2021	80,100	53,400	64,281	42,854



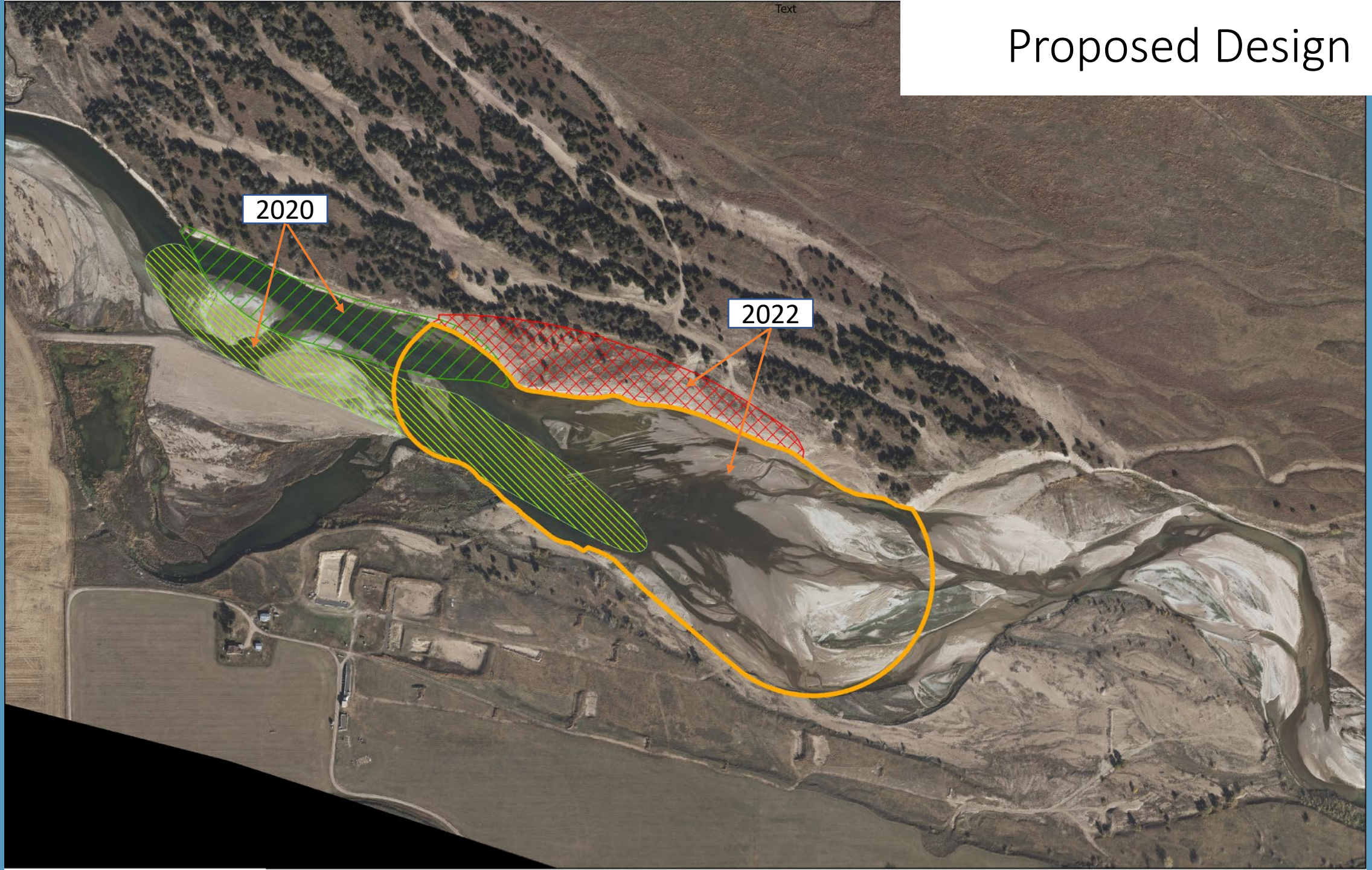
Proposed Design

2022

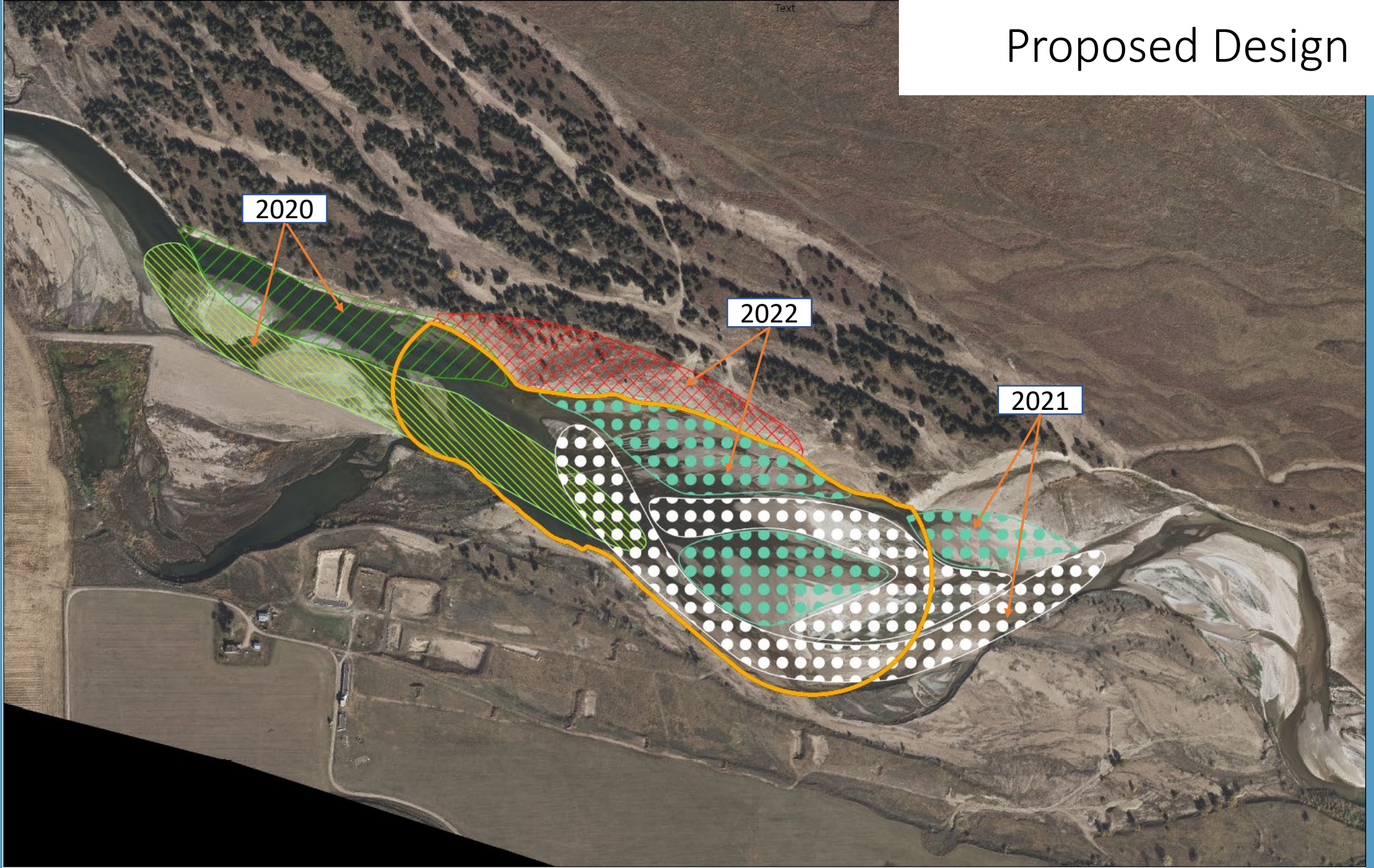


Proposed Design

Text



Proposed Design



Proposed Design

- Cut: 43,700 CY
- Existing Stage Range: 2337.7' – 2336.1'
- Final Grade Elevation: 2336.90'

2022

An aerial photograph of a river bend. A yellow line outlines a large area of the river and surrounding land. Within this area, a red cross-hatched pattern indicates a specific project zone. Two orange arrows point from a white box labeled '2022' to this red-hatched area. The surrounding landscape includes fields, some buildings, and a forested hillside.

Engineers Cost Estimate

Work	Estimated Quantity	Unit	Unit Price	Bid Price
Mobilization & Demobilization	1	LS	\$13,500	\$13,500
Tree Clearing; Burn & Bury	1	LS	\$5,000	\$5,000
Excavate & Augment	43,700	CY	\$3.00	\$131,100
-	-	-	Total:	\$149,600



Questions?