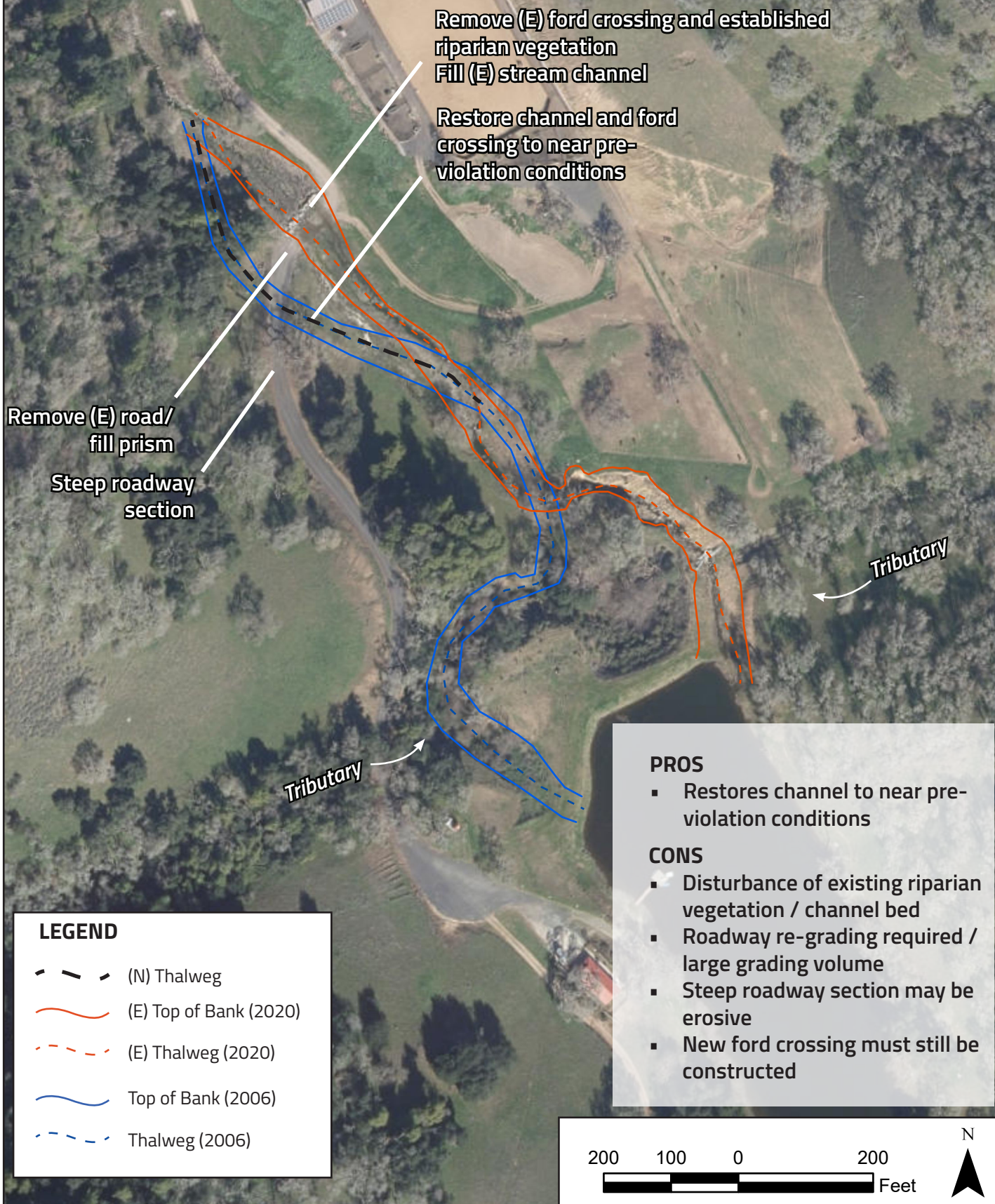
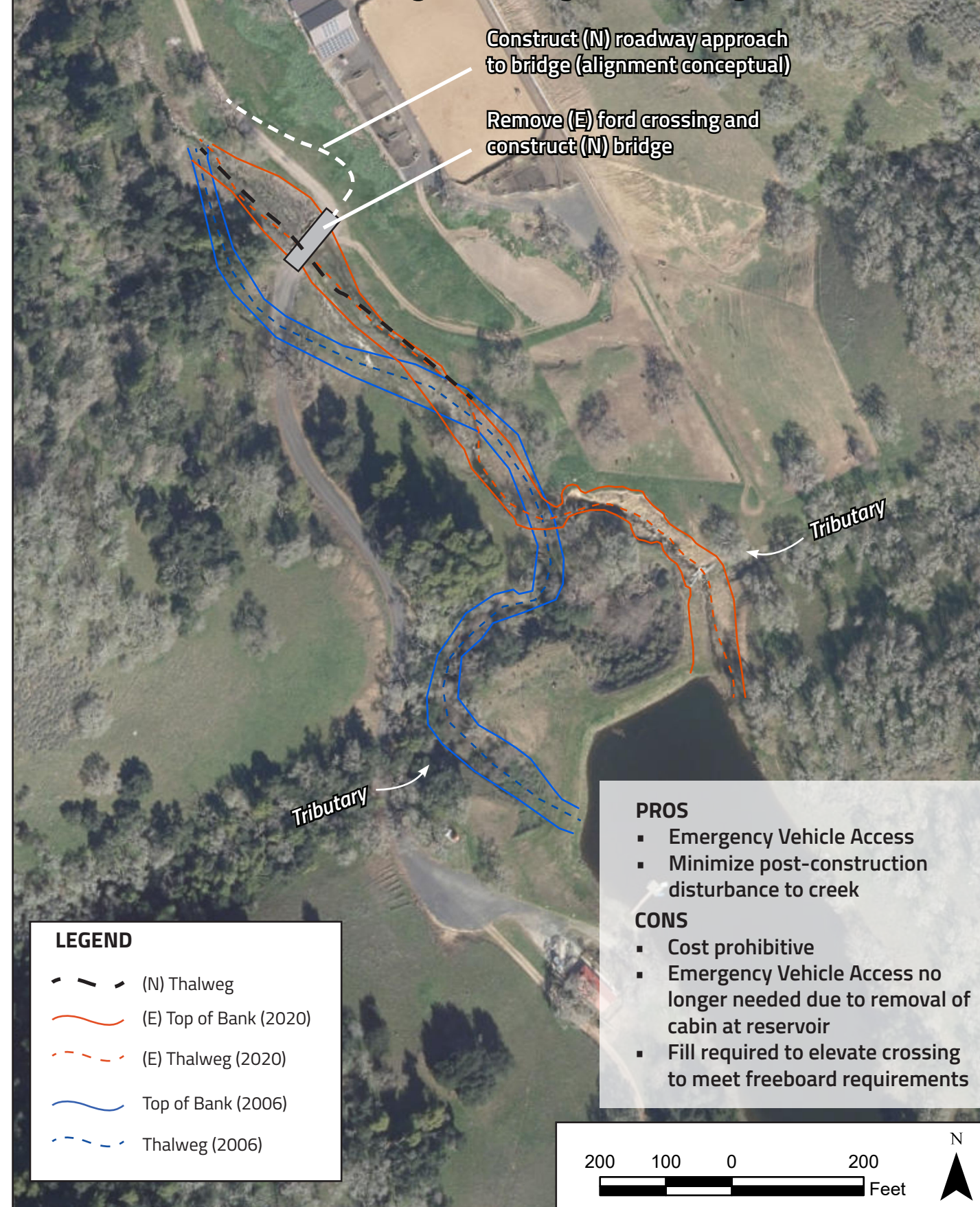


# **ALTERNATIVE 1 - Restore Creek Channel and Ford Crossing to Pre-Violation Conditions**

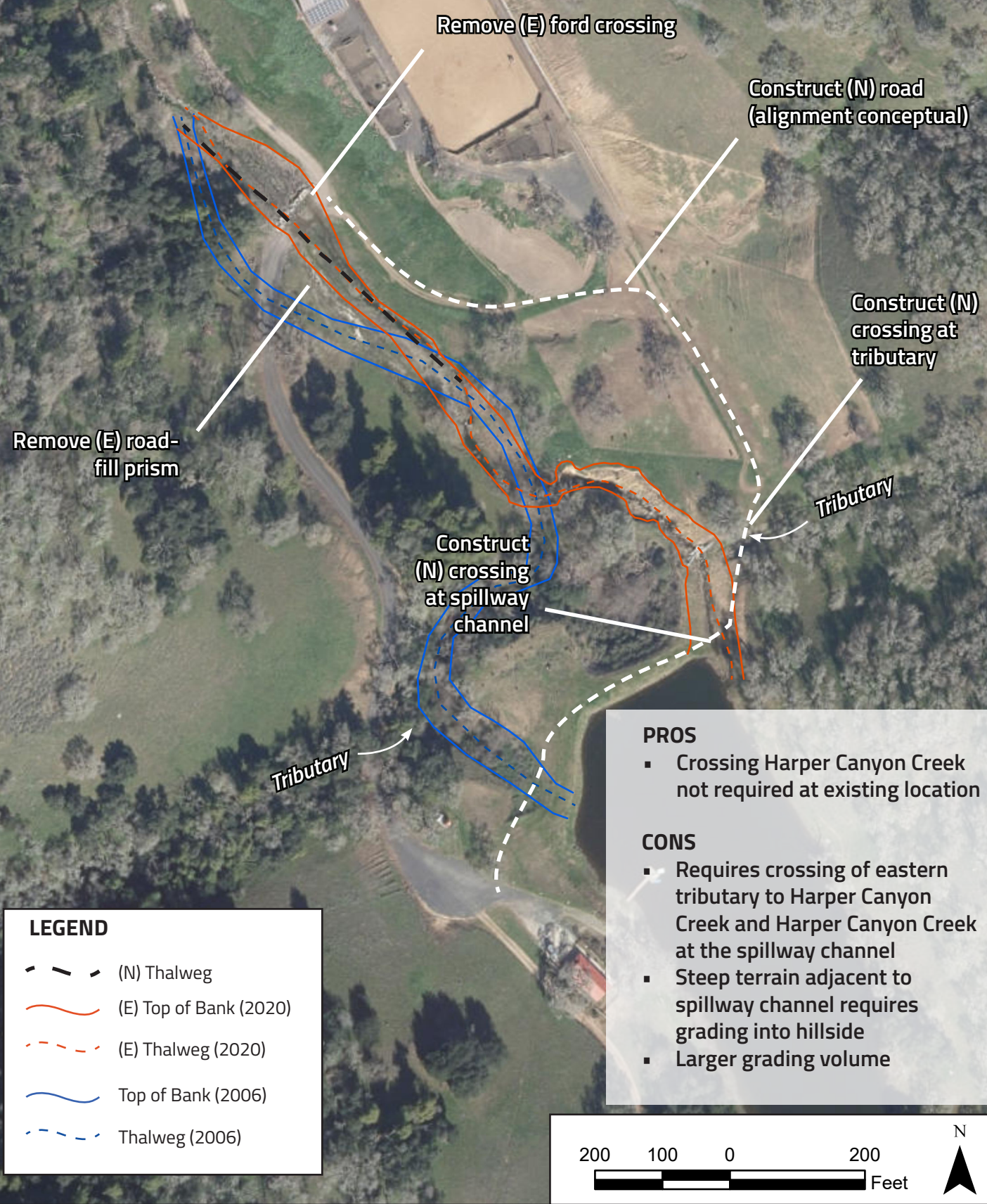


# **ALTERNATIVE 2 - Construct Bridge at Existing Ford Crossing**

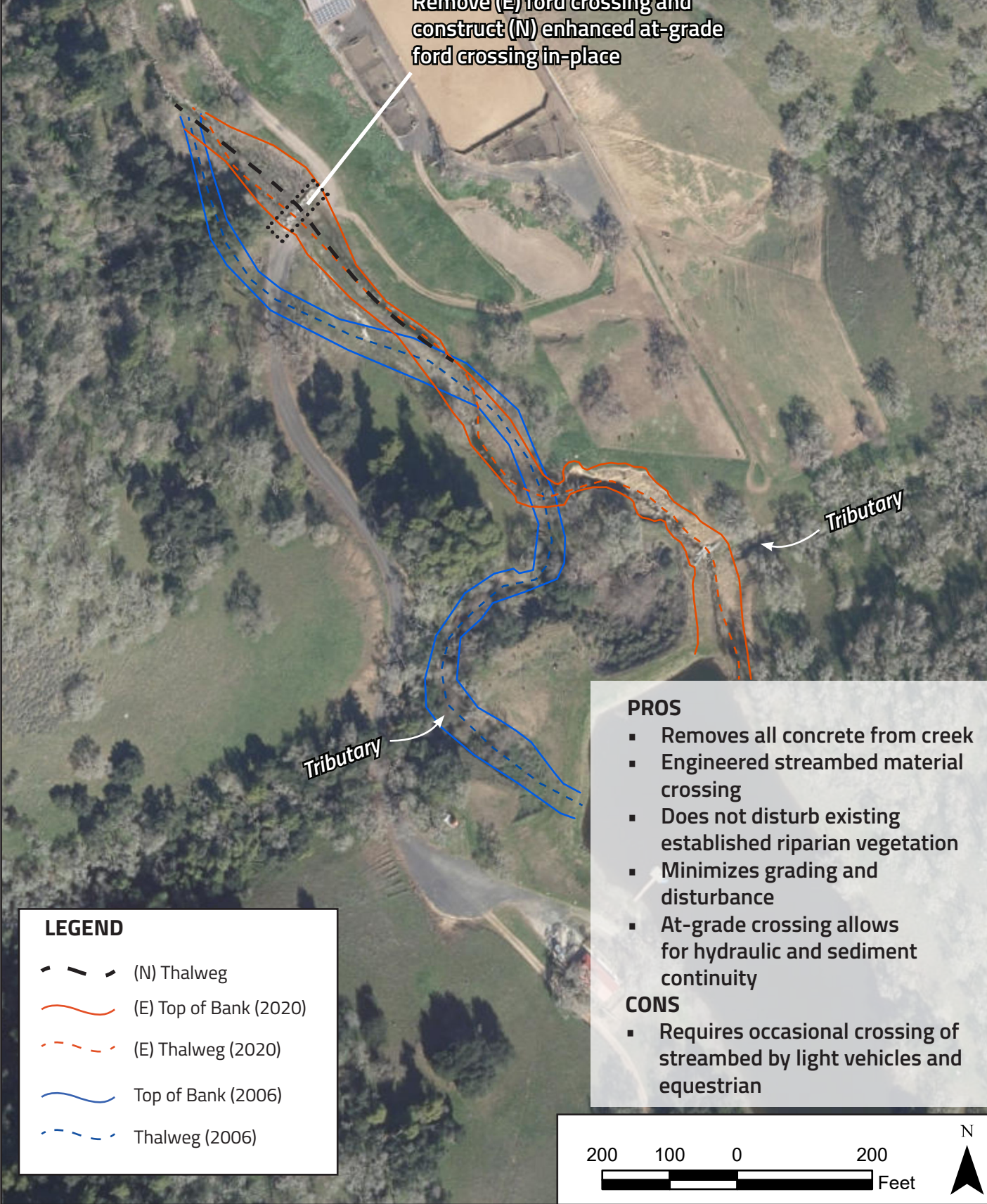




### ALTERNATIVE 3 - Construct New Road and Crossings Across Tributary and Spillway Channel



### ALTERNATIVE 4 - Restore and Enhance In-Place Existing Ford Crossing (PREFERRED)





## ALTERNATIVE 1 - Return Spillway Channel to Pre-Violation Location

### PROS

- Pre-violation conditions restored

### CONS

- Pre-violation spillway channel does not have bedrock for channel stability (required repeat maintenance)
- Requires grading of (N) spillway channel and fill of (E) spillway channel
- Introducing spillway flow increases erosion potential in riparian corridor

Fill and armor (E) spillway channel

Tributary

Construct (N) spillway channel at pre-violation location

Tributary

### LEGEND

- (N) Thalweg
- (E) Top of Bank (2020)
- (E) Thalweg (2020)
- Top of Bank (2006)
- Thalweg (2006)

200 100 0 200 Feet



## ALTERNATIVE 2 - Stabilize and Enhance Existing Spillway Channel In-Place (PREFERRED)

### PROS

- Preferred location for spillway channel to minimize maintenance
- Utilizes bedrock for channel stability
- Does not disturb riparian habitat

### CONS

- Minimal additional erosion may occur in short term

Remove Concrete Blocks and Stabilize and Enhance (E) Spillway Channel

Tributary

Tributary

### LEGEND

- (N) Thalweg
- (E) Top of Bank (2020)
- (E) Thalweg (2020)
- Top of Bank (2006)
- Thalweg (2006)

200 100 0 200 Feet

