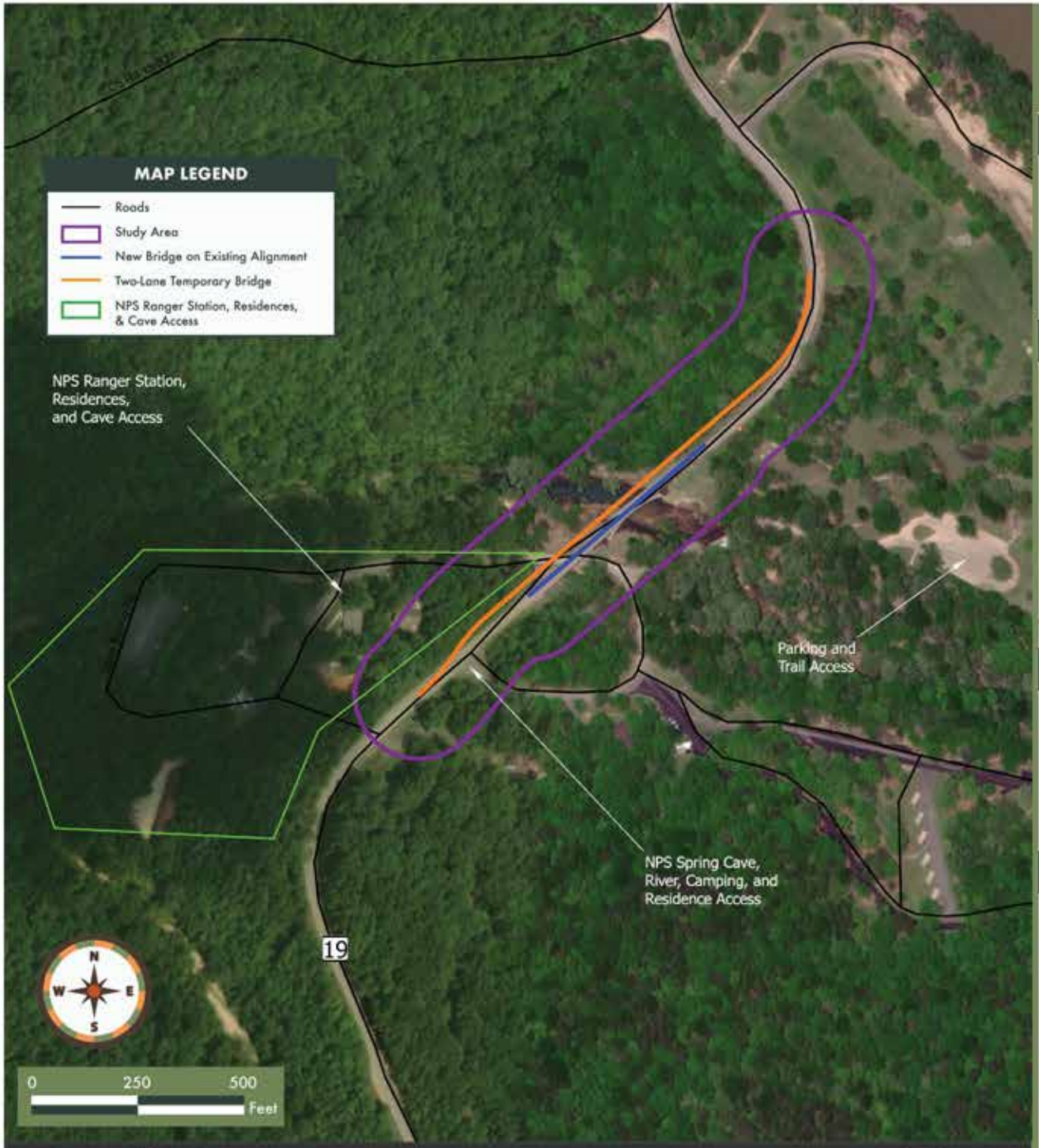


S-1

COST: $7.8 MILLION

DESCRIPTION

- New bridge on existing alignment.
- A temporary two-lane bridge will be built prior to construction of the new bridge and will be removed once construction of the new bridge is complete.

SITE VICINITY

ADVANTAGES

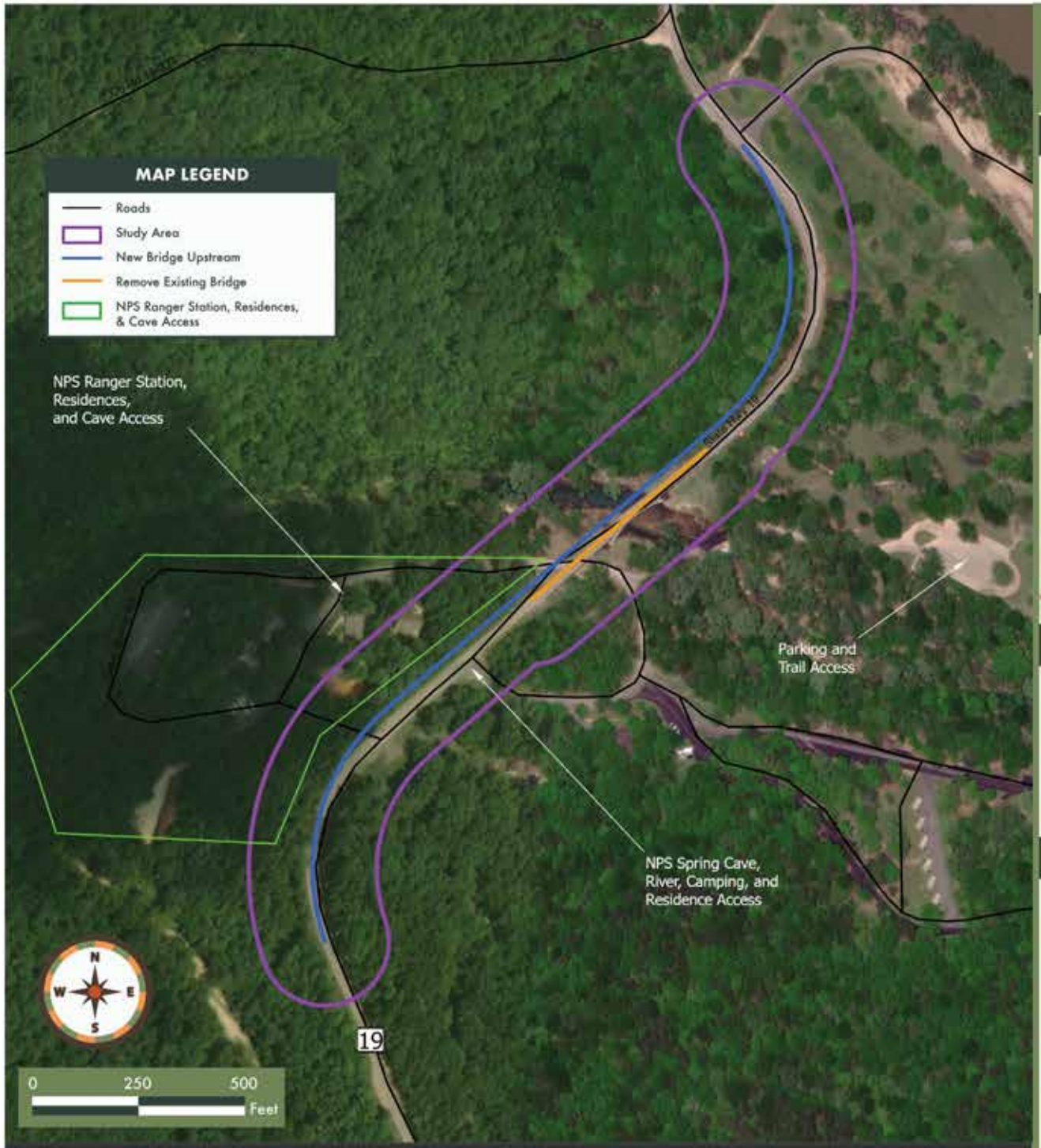
- Matches location of existing bridge.
- Less permanent roadway work.
- Avoids retaining walls or reinforced slopes.

DISADVANTAGES

- Additional cost for temporary bridge.
- Builds two bridges over the channel during construction.
- Extensive formwork in the channel.

Round Spring
ROUTE 19: SHANNON COUNTY

MoDOT



S-2

COST: $7.4 MILLION

DESCRIPTION

- New bridge upstream (northwest) of the existing bridge.
- No temporary bridge required.

SITE VICINITY

ADVANTAGES

- Final configuration is a single bridge over the channel.
- No temporary bridge required; cost savings.

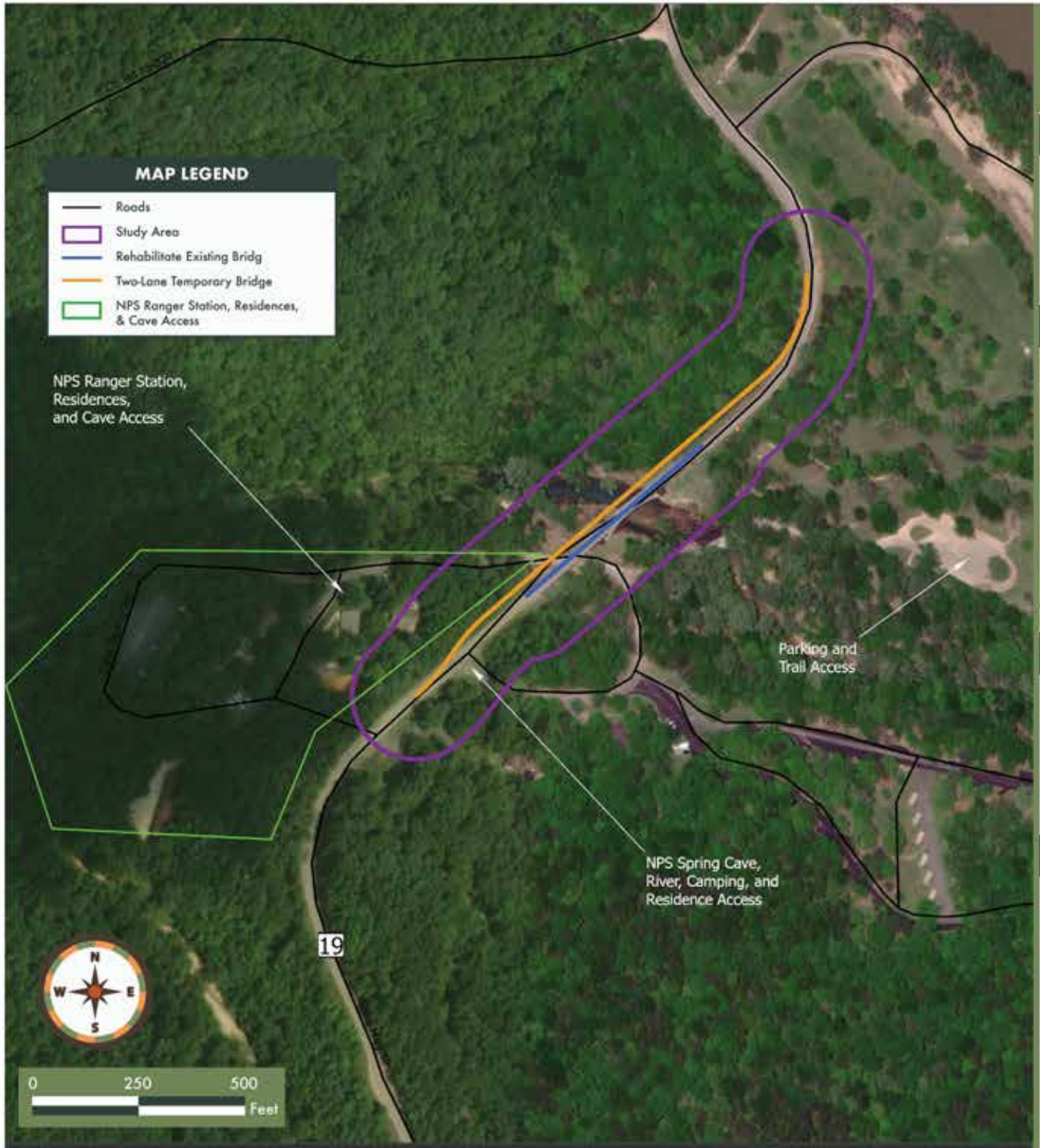
DISADVANTAGES

- More permanent roadway work.
- May need retaining walls or reinforced slopes.
- Extensive formwork in the channel.

Round Spring

ROUTE 19: SHANNON COUNTY

MoDOT



S-3

COST: $7 MILLION

DESCRIPTION

- Rehabilitate the existing bridge.
- A temporary two-lane bridge will be built prior to rehabilitation of the existing bridge and will be removed once the rehabilitation of the existing bridge is complete.

SITE VICINITY

ADVANTAGES

- Matches location of existing bridge.
- Less permanent roadway work.
- Avoids retaining wall or reinforced slopes.
- Avoids extensive formwork in the channel.

DISADVANTAGES

- Additional cost for temporary bridge.
- Builds two bridges over the channel during construction.
- Remediated concrete of the existing bridge is buried in the structure, possibly requiring further rehabilitation in the future.
- Shorter life expectancy compared to a new bridge.
- Cannot carry design loading but will not require load posting.

Round Spring

ROUTE 19: SHANNON COUNTY

MoDOT