

TRAIL FORUM 2019

*Advancing the
Carolina Thread Trail*

Trail Construction and Archaeological Surveys: Assessment Methodologies and Discovery Protocols

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Thread Trail Conference 2019

SEC. 106 REVIEW AND YOUR TRAIL PROJECT

What is Sec. 106 review?

- ✓ Refers to Sec. 106 of National Historic Preservation Act, as amended (P.L. 89-665, et seq).
- ✓ Consultation triggered by federal/state agency permit, licensing, funding, or funding guarantee
- ✓ Typically includes (lead) federal/state agency, SHPO, & interested members of the public
- ✓ Based on professionally done field survey, historical research, comprehensive documentation that meets federal standards

Sec. 106 review (cont'd)

Consultation concerns *cultural resources*, i.e., historical and archaeological sites, buildings, structures, districts, and objects. Includes landscape features & Traditional Cultural Places:

- ✓ Are they present?
- ✓ If yes, are they significant, i.e., eligible for listing in National Register of Historic Places (NRHP)(36 CFR 60, 36 CFR 63)?
- ✓ Are they likely to be adversely affected by trail construction? Direct or indirect effect? Level of effect?
- ✓ What are options to minimize, avoid, or mitigate adverse effect?

106 Review for SC Trails

- ✓ Typically includes review by SHPO & State Archaeologist
 - ❖ Federal funding: FhWA, NPS, Land/Water Conservation Fund)
 - ❖ Federal permit: USACOE, RUS, HUD, etc.
 - ❖ Federal license: FERC
 - ❖ Trail construction on federal property (e.g., USFS, NPS, other land-based agencies)
 - ❖ Trail construction for SCPRT (state-owned properties)
 - ❖ EXCEPTION: Annual FhWA Recreational Trail funds coordinated through SCPRT
 - ❖ Occasional due diligence review, esp. if asked

106 Review for SC Trails (cont'd)

For new trail construction, SHPO reviews:

- ❖ Extent of proposed ground disturbance
- ❖ Proximity to known historic/archaeological resources
- ❖ Proximity to areas of high archaeological probability

Typical SHPO recommendations:

- ❖ Whether HP identification/cultural resources survey is needed
- ❖ Guidelines for such survey

NOTE: Cultural resource survey is NOT recommended for every new trail construction project reviewed

106 Review for NC Trails

- ✓ Typically review is required by SHPO & State Archaeologist for:
 - ❖ Federal funding: FhWA, NPS
 - ❖ Federal permit: USACOE, RUS, HUD, etc.
 - ❖ Built on federal property (e.g., USFS, NPS, other land-based agencies)
 - ❖ Federal license: FERC
 - ❖ Trail construction for NC Parks , CAMA for coastal counties (state-owned properties)
 - ❖ State land if NR listed property will be affected (GS 121.12a)
 - ❖ Consultation is typically on county by county basis – Currituck Co. has written requirement for consultation w/ SHPO on county property and grants
 - ❖ Always willing to provide guidance on CR documentation/protection/avoidance or due diligence review

106 Review for SC and NC Trails

SHPOs and THPOs typically recommend that if federal funds/permits/licenses are needed or if project is on federal/state land, sponsor should assess proximity of proposed trail to known historic/archaeological resources as well as potential construction impacts as early in planning process as possible.

NOTE: SHPO is not involved in 106 consultation/review if:

- ❖ Federal funding/permits/licenses are not needed for project
- ❖ Project will not be located on federal/state land
- ❖ Any decision regarding cultural resource survey or public consultation would be made at local level.

Phase 1 Survey – Catawba Trail

Phase 1
Survey:

ST W-1
looking SE
along
proposed
trail
(slope)



Phase 1 Survey – Catawba Trail

Phase 1
Survey:
Shovel Test W-
80 at 66 cm bs
(sand berm on
floodplain)



Phase 2 Monitoring-Catawba Trail

Phase 2
Monitoring:
Looking south
along
developed trail
where artifacts
were found

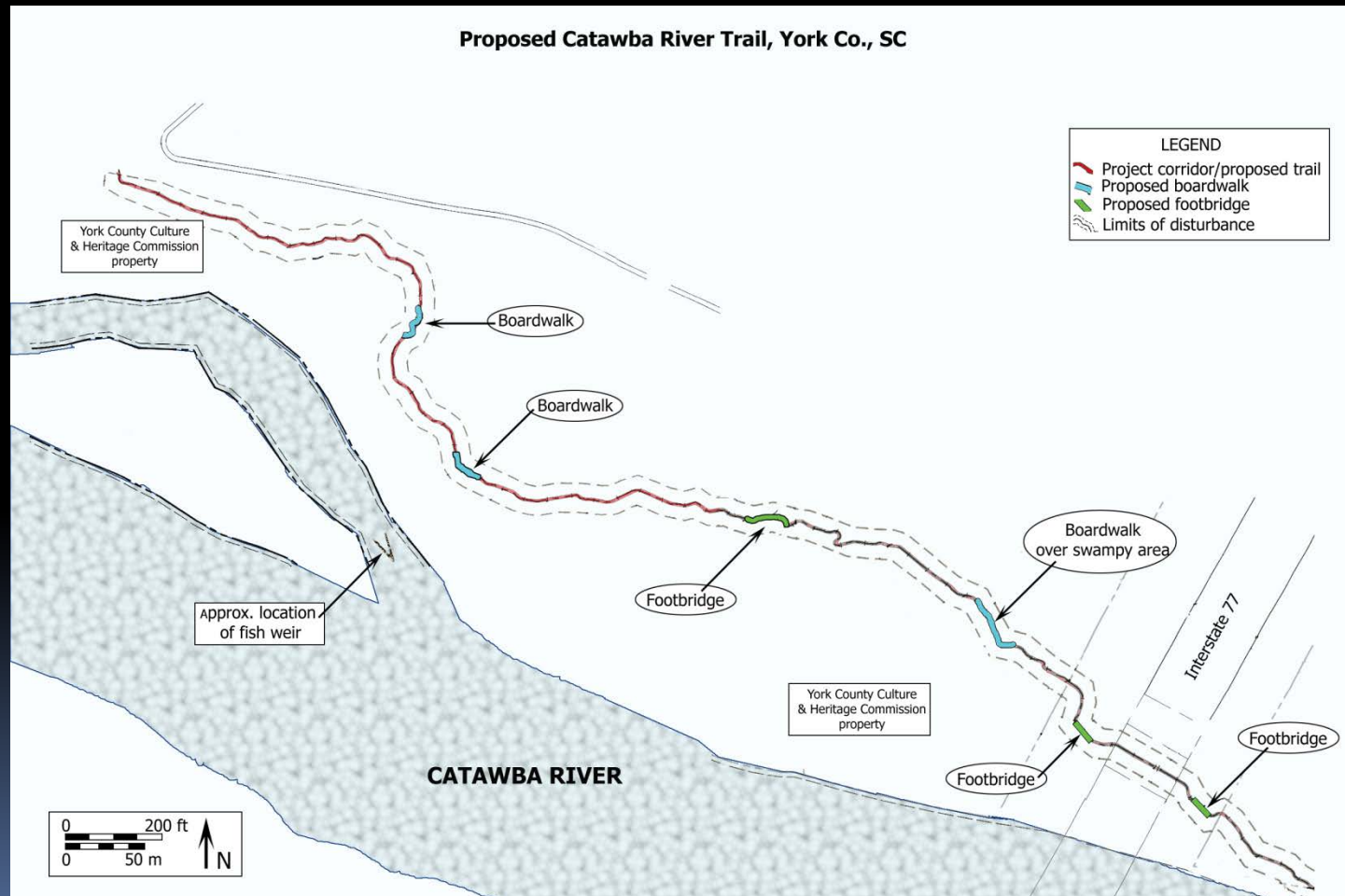


Phase 2 Monitoring-Catawba Trail

Phase 2
Monitoring:
Looking east
toward four (4)
postholes for
boardwalk
along
developed trail



Monitoring Map - Catawba Trail



Phase 2 Monitoring-Catawba Trail

Phase 2
Monitoring:
Looking south
toward
prehistoric fish
weir in
Catawba River



Prehistoric Artifacts, Catawba Trail Surface After Clearing – Monitoring Phase

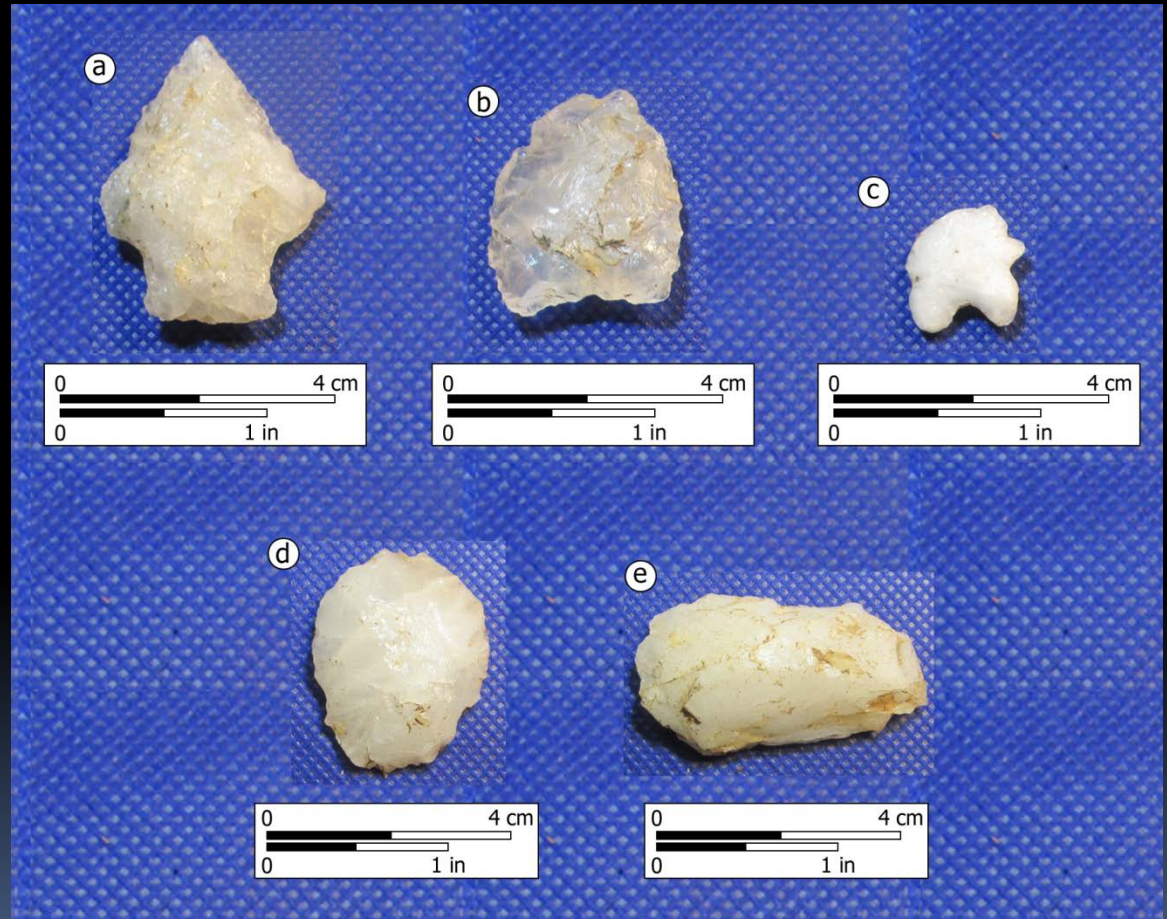
a) Savannah River
Stemmed
CSPP (Late
Archaic)

b) Possible Dalton
CSPP (Paleoindian)

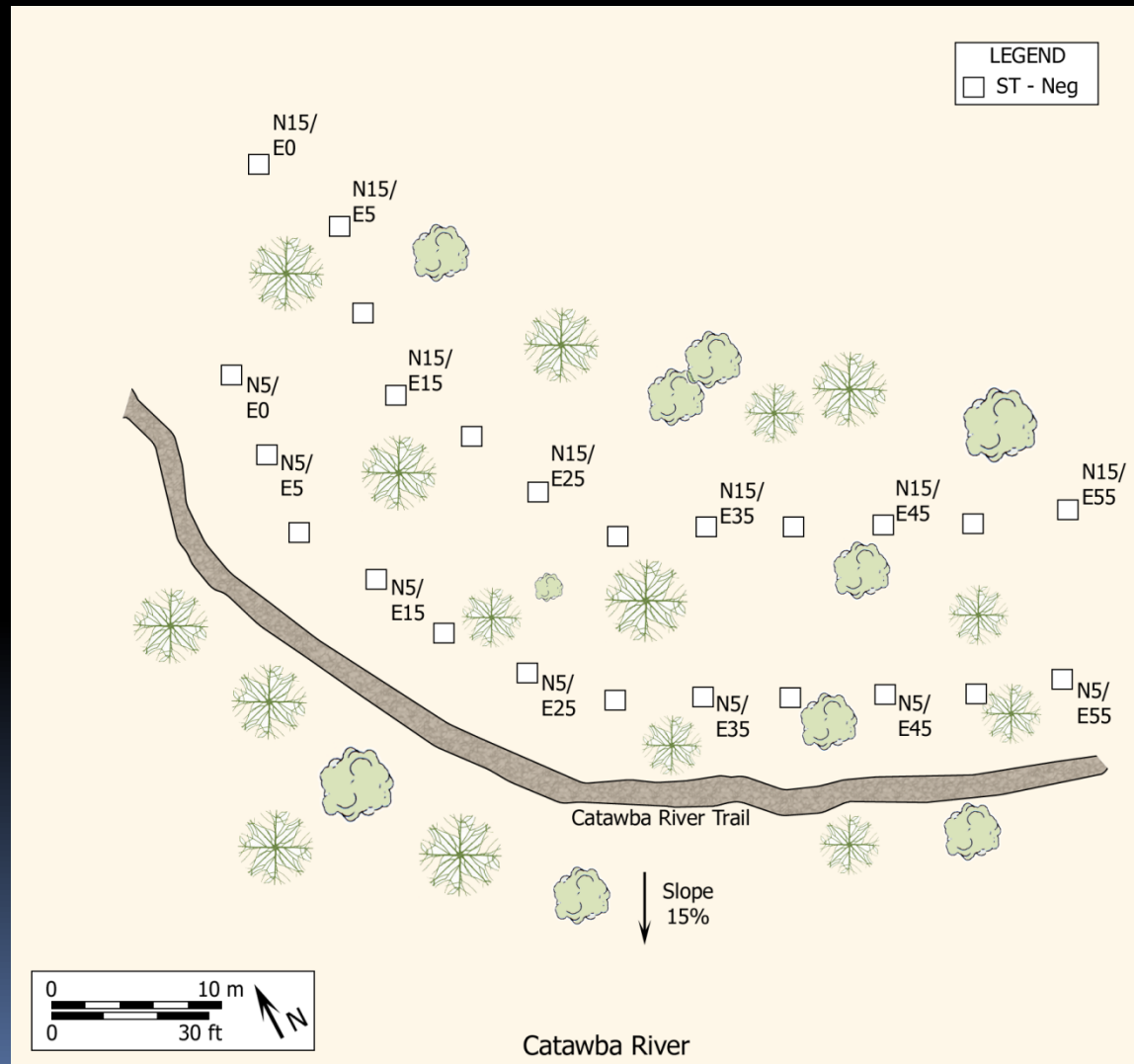
c) Possible LeCroy
CSPP (Early
Archaic)

d) Unifacial scraper

e) Unmodified
biface blank
ALL VEIN QUARTZ



Systematic STs Installed North of Catawba Trail During Phase 2 Site Testing



TO SUMMARIZE FOR PLANNING ...

- ✓ Ask your granting authority or oversight agency whether your trail construction will trigger Sec. 106 consultation.
 - ✓ Yes?
 - ❖ Prepare a SOW if possible w/ input from State Archaeologist and/or SHPO
 - ❖ Contact potential archaeological contractors for interest and/or bids
 - ❖ Work closely w/ your contractor re: scheduling, prep requirements, documentation that you need
 - ✓ No?
 - ❖ Happy trails to you!