

4.0 PHASE I RESULTS

4.1 Background Research

The background research showed that only six previously recorded sites were present in the APE, and that all of these sites were either not NRHP-eligible or were eligible but had been mitigated under earlier projects. Table 2 presents the previously recorded sites and previously cleared portions of the project APE. The sheet number references in Table 2 refer to the sheets included in Figure 2.

Table 2.
Previously Recorded Sites and Previously Cleared Areas in the
Route 40 Improvements Project APE

Sheet	Sites	Previously Cleared Areas
Sheet 1	7NC-D-113A (not eligible) 7NC-D-113B (not eligible)	New S.R. 896 corridor was cleared (Lothrop <i>et al.</i> 1987)
Sheet 2	7NC-D-110 (not eligible?) 7NC-D-130C (not eligible) 7NC-D-130B partial (not eligible)	New S.R. 896 corridor was cleared (Lothrop <i>et al.</i> 1987)
Sheet 3	7NC-D-130A (eligible/mitigated) 7NC-D-130B partial (not eligible)	New S.R. 896 corridor was cleared (Lothrop <i>et al.</i> 1987)
Sheet 4	7NC-D-212 (mitigated)	Keene School Road (Parsons Engineering Science, Inc. 1999) and Keene School Tract (Bowen <i>et al.</i> 2001) cleared
Sheet 5	None	None
Sheet 6	None	None
Sheet 7	None	None
Sheet 8	7NC-D-188 (destroyed)	Church Road cleared (Traver and Thomas 2001)
Sheet 9	None	East side of Walther Road cleared (Thomas 2001a)
Sheet 10	None	S.R. 7 corridor cleared
Sheet 11	None	None

Note: The previous research consulted included: Lothrop *et al.* (1987), Shaffer *et al.* (1988), Petraglia and Knepper (1996), Thomas (2001a, 2001b), Hoseth *et al.* (1994), Catts and Custer (1990), Custer and Cunningham (1986), Custer (1986), Brown *et al.* (1990), Custer and De Santis (1986), Custer *et al.* (1986), De Cunzo and Catts (1990), De Cunzo and Garcia (1992).

Table 3 presents the results of the historic documentary research in which historic maps were consulted in order to determine where and what types of historic period archaeological resources might occur in the APE. The disposition of the potential historic period archaeological resources (locations) is also addressed. The sheet numbers referenced in Table 3 refer to the sheet numbers included in Figure 2.

**Table 3.
Cartographically Indicated Locations of Historic Activity in the
Route 40 Improvements Project APE**

Location	Map Reference(s) and Landowner information in parentheses*	Disposition
Sheet 1	None	
Sheet 2 Location 1	1868	Discovered and excavated as site 7NC-D-110.
Sheet 3	None	
Sheet 4 Location 2 Location 3 Location 4 Location 5	1868 (J. Frazer) , 1881 1868 (J. Frazer), 1881 1849 (A. Harman), 1868 (A. Harmann, Lone Cottage) 1849, 1868 (D.B. Ferris), 1881	No evidence in APE. No evidence in APE. No evidence in APE. Destroyed by modern development.
Sheet 5 Location 6 Location 7 Location 8	1849, 1868, 1881 1849, 1868 1849, 1868 (R. McCauley), 1881	Destroyed for stormwater pond. Outside archaeological APE. Destroyed by modern development.
Sheet 6	None	
Sheet 7 Location 9 Location 10 Location 11 Location 12 Location 13 Location 14	1849 (Underwood), 1868 (J.D. Titter, Spring Grove), 1881 1868, 1881 1868, 1881 1849, 1868 (C.M. Whitaker), 1881 1849 (M. Enos), 1868 1868 (W.H. Reynolds), 1881	Outside archaeological APE. No evidence in APE. No evidence in APE. Discovered this survey, C.M. Whitaker House site (7NC-D-255), outside archaeological APE. Destroyed by modern development. Destroyed by modern development.
Sheet 8 Location 15 Location 16 Location 17 Location 18	1849 (J. Moore), 1868 (H.K.) 1849 (J. Bryant), 1868 1849 (W. Silver), 1868, 1881 1868 (G.B.R.), 1881 (Geo. H. Rodney)	Structure previously recorded as N-12861, and associated site as 7NC-D-188, destroyed for parking lot. No evidence in APE. Corrie House/Cumberland Farm site (7NC-D-242) discovered during survey, subjected to Phase II evaluation, demonstrated not eligible under Criterion D. Standing structure (N-5803). Outside archaeological APE.
Sheet 9 Location 19	1849 (C. Bole), 1868 (G.G. Bowl, Bush Hill), 1881 (L. Bowles, Bush Hill)	No evidence found in Test Area 1.
Sheet 10 Location 20 Location 21 Location 22	1868 1849 (H. Hugg), 1868 (Mrs. M. Hugg) 1849 (Bear Inn), 1868 (J. Cooper, Est.)	Destroyed by modern development. Destroyed by modern development. Destroyed by modern development.
Sheet 11	None	

*Note: The map date references are Rea and Price (1849), Beers (1868), and G.M. Hopkins & Company (1881).

4.2 Archaeological Survey

The Phase I archaeological survey of the Route 40 Improvements Project APE was completed in November 2002. Fifty-four STPs were excavated and 11.48 ha (28.36 ac) were subjected to pedestrian reconnaissance during the Phase I survey of 20 designated test areas. Three historic period sites, the Pyle Tenant House site (7NC-D-256), the Corrie House/Cumberland Farm site (7NC-D-242), and the C.M. Whitaker House site (7NC-D-255), and one pre-contact period isolated artifact (Isolated Find 1) were identified during the Phase I survey. The pre-contact period isolate is a quartz biface fragment that is not diagnostic with regard to cultural or chronological affiliation. Isolated non-diagnostic artifacts do not have the potential to yield new or insightful information about the pre-contact period in the immediate area, and they are not considered archaeological sites. Subsequent to the identification of the isolate, its find location was obliterated by non-DeIDOT earth moving activities. No additional archaeological research is recommended at the Isolated Find 1 location.

The C.M. Whitaker House site (7NC-D-255) is located outside of the APE; therefore, no additional research was accomplished for that site. A site form was completed for and a site number was assigned to the site. A copy of the site form is included in Appendix C. At the close of the Phase I survey, there was not enough information about the two remaining historic period archaeological sites to make a NRHP eligibility recommendation; therefore, Phase II testing was recommended. In order to present the results of the Phase I archaeological survey in the most effective and efficient manner, the survey results, including quantity and type of survey, stratigraphic record of subsurface excavations, and archaeological findings by test area are presented in Table 4. The sheet numbers listed in Table 4 refer to the sheet numbers included in Figure 2.

Table 4.
Results of the Phase I Archaeological Survey of the Route 40 Improvements Project APE

Sheet/Test Area	Site or Isolated Find	Description
Sheet 1	None	No testable areas.
Sheet 2 Test Area 9	None	No artifacts from 10 STPs. Typical profile has an Ap horizon of 10YR 4/3 brown silt loam (0-15 cm) over a Bt horizon of 10YR 6/8 brownish yellow silt loam.
Sheet 2 Test Area 10	None	No artifacts from 2 STPs. Landform severely eroded. Profile has Ap horizon of 10YR 4/3 brown silt loam (0-20 cm) over Bt horizon of 10YR 5/6 yellowish brown silt loam.
Sheets 2 and 3 Test Area 20	None	75% surface visibility. 2 possible FCR fragments, 1 small brick fragment, and one sherd of lead-glazed earthenware.*
Sheet 2 Test Area 18	None	Three small brick fragments and one sherd of plain whiteware* from disturbed Ap horizon in STP N100 E85. Profile has Ap horizon of 10YR 4/3 brown silt loam (0-20 cm) over Bt horizon of 10YR 5/6 yellowish brown silt loam.

Sheet/Test Area	Site or Isolated Find	Description
Sheet 2 Test Area 19	None	1 lead-glazed earthenware sherd* in Ap horizon in STP N100 E130, and 2 whiteware sherds and 1 late porcelain sherd* in Ap horizon of STP N100 E115. Profile has Ap horizon of 10YR 4/3 brown silt loam (0-24 cm) over Bt horizon of 7.5YR 5/6 strong brown silt loam.
Sheets 2 and 4 Test Area 8	None	80% surface visibility. No artifacts from surface collection.
Sheet 4 Test Area 7	Possible site outside of APE, entry wall in APE	No artifacts from 2 STPs. Profile has Ap horizon of 10YR 4/3 brown silt loam (0-20 cm) over Bt horizon of 10YR 6/8 brownish yellow silt loam. Vegetation suggests house site outside of APE. Wall is addressed in historic resources report.
Sheet 4 Test Area 6	Isolated Find 1	70% surface visibility. 1 quartz biface fragment (not temporally diagnostic). Location subsequently destroyed by park construction.
Sheet 4 Test Area 5	None	60% surface visibility. 3 sherds of lead-glazed earthenware.*
Sheet 4 Test Area 12	None	No artifacts from 2 STPs. Profile has Ap horizon of 10YR 3/2 very dark grayish brown silt loam (0-18 cm) over Bt horizon of mottled 10YR 6/8 brownish yellow and 10YR 7/2 light gray sandy clay loam.
Sheet 5 Test Area 17	None	No artifacts in single STP. Profile has A horizon of 10YR 4/3 brown silt loam with small pebbles (0-3 cm) over a Bt horizon of 10YR 5/6 yellowish brown silt loam.
Sheet 5 Test Area 21	None	No artifacts in 3 STPs. Profiles have Ap horizon of 10YR 3/2 very dark grayish brown silt loam (0-20 cm) over Bt horizon of 10YR 7/2 light gray sandy loam.
Sheet 6	None	No testable areas.
Sheet 7 Test Area 13	None	On edge of wetland. No artifacts from 2 STPs. The profile has an A horizon of 10YR 4/2 dark grayish brown silt loam over a Bt horizon of gleyed 5BG 4/1 dark greenish gray silty clay loam.
Sheet 7 Test Area 15	C.M. Whitaker House site (7NC-D-255), outside of APE, none in APE	60% surface visibility along margin of APE. Site is represented by house cellar depression, well, landscaping wall, and planted trees. House shown in this location on maps of 1849, 1868, and 1881. See Table 5.
Sheet 7 Test Area 16	None	No artifacts in 12 STPs. Typical profile has Ap horizon of 10YR 4/3 brown silt loam (0-20 cm) over a Bt horizon of 10YR 5/6 yellowish brown silt loam.
Sheet 8 Test Area 22	Corrie House/ Cumberland Farm site (7NC-D-242)	Historic period artifacts in 4 STPs during Phase I and 7 STPs and 5 1x1m test units during Phase II. Current house dates to 1940s. Earliest house on property ca. 1810.
Sheets 8 and 9 Test Area 3	None	75% surface visibility.
Sheet 9 Test Area 2	Pyle Tenant House site (7NC-D-256), predominately outside of APE	75% surface visibility in field. Site 2 is a 20th century tenant house site. Foundation, well, privy remnant, fence, and bottle dumps present. A typical profile had a disturbed Ap horizon of 10YR 4/3 brown silt loam (0-20 cm) over a Bt horizon of 7.5YR 4/6 strong brown sandy loam.

Sheet/Test Area	Site or Isolated Find	Description
Sheet 9 Test Area 1	None	No artifacts from 3 STPs. Profile has an Ap horizon of 10YR 4/3 brown silt loam (0-21 cm) over a Bt horizon of 10YR 5/6 yellowish brown silt loam. 70% surface visibility.
Sheet 10 Test Area 14	None	No artifacts from 5 STPs. Typical profile has Ap horizon of 10YR 4/3 brown silt loam (0-20 cm) over Bt horizon of 10YR 5/6 yellowish brown silty clay loam.
Sheet 11	None	No testable areas.

*Occasional finds of small non-diagnostic historic period artifacts in plowed fields and along roadways are attributed to inadvertent loss, field fertilizing, and/or litter. These artifacts are not considered archaeological sites or isolated finds, and cannot contribute to our knowledge about the historic period land-use of the APE.

Subsequent to the Phase I archaeological survey, Phase II archaeological testing was performed at two of the three identified historic period sites, the Pyle Tenant House site (7NC-D-256) and the Corrie House/Cumberland Farm site (7NC-D-242). The Phase II testing results and NRHP evaluation of these two historic period sites are presented in Sections 5.0 and 6.0 of this report. Site forms for the two sites are included in Appendix C.