

**ARCHITECTURAL SURVEY UPDATE
AND GIS PILOT PROJECT/
KINSTON BYPASS PROJECT
NORTH OF US 70,
LENOIR COUNTY, NORTH CAROLINA**

**WBS # 45200.1
FA# SPR-0SPR(49)
TIP No. R-2553**

Prepared For:

**Office of Human Environment
Project Development and Environmental Analysis Branch
North Carolina Department of Transportation
and Federal Highway Administration**

Prepared By:

**URS Corporation – North Carolina
1600 Perimeter Park Drive
Morrisville, NC 27560**

**Marvin A. Brown
Principal Investigator**

December 2010

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URS Corporation-North Carolina**

Date

**Mary Pope Furr, Supervisor
Historic Architectural Resources Section
North Carolina Department of Transportation**

Date

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I. INTRODUCTION

The North Carolina Department of Transportation (NCDOT) divided the Architectural Survey Update and GIS Pilot Project/Kinston Bypass Project in Lenoir County (WBS # 45200.1, FA# SPR-0SPR(49), TIP No. R-2553) into three parts: a reconnaissance-level report to provide screening-level data; an updated inventory of southern Lenoir County (along and south of US 70); and an updated inventory of northern Lenoir County (north of US 70). The consultant, URS Corporation-North Carolina, conducted and completed the reconnaissance-level portion of the project under its on-call contract to provide historical architectural services for NCDOT. URS then completed the updated inventory of southern Lenoir County under its environmental services contract with NCDOT for the Kinston Bypass Project. It completed the updated inventory of northern Lenoir County, and thereby the project, again under its on-call contract to provide historical architectural services for NCDOT.

The purpose of the overall project is twofold. First, it was designed to update the historic architectural survey for Lenoir County. Previous surveys conducted in the county include: a comprehensive architectural survey of Kinston (1979-1980); five National Register of Historic Places (NR) historic district nominations (1989 and 1994); a comprehensive architectural survey of Lenoir County outside of Kinston (1993-1994); the Kinston survey update (1994-1995); studies conducted for the Global TransPark and Crescent Road projects (1991, 1993, 1997, and 1998); and other surveys conducted within the county by the North Carolina Historic Preservation Office (HPO) as part of the Tar-Neuse River Basin survey (1976) and its general ongoing activities. Second, the overall project was designed to provide Lenoir County parcel numbers for all inventoried resources and GIS points for all newly inventoried resources.

The current phase of the project, which is the subject of this report, was for updating the inventory of the northern portion of Lenoir County, defined by properties north of US 70. This portion of the county borders Wayne County on the west, Greene and Pitt counties on the north, and Craven County on the east. This phase but did not include work within the municipal limits of Kinston. (If such work within Kinston were to be undertaken, it would constitute a distinct fourth phase of the project.) The survey project was designed to comprehensively update the existing architectural survey of the rural properties in northern Lenoir County through the following five activities: (1) entering existing information on surveyed resources into the HPO's Access database; (2) conducting architectural fieldwork and entering new information into the HPO's database; (3) identifying resources that are potentially eligible for listing in the National Register of Historic Places (NR); (4) drafting a report; and (5) updating GIS mapping. This report satisfies the requirements of the fourth point. The other components, along with the methodological means necessary to complete them, are described in the text and appendices below.

II. SURVEY UPDATE AND METHODOLOGY

A. Existing Information Entered into Access Database

The project began when URS received a copy of the HPO's Lenoir County Access database and checked out from the HPO a trial set of 50 files of resources located within southern Lenoir County. With the information in the files, primarily from the survey forms, narrative descriptions, and photographs, URS populated paper survey forms prior to going out in the field. Due to potential changes to the resources and occasional lack of information, particularly in regards to outbuildings, the entries were provisional.

With the files, copies of the USGS survey maps provided by the HPO, the paper survey field forms for the 50 resources, and a notepad and digital camera in hand, the principal investigator (PI) then conducted fieldwork.¹ He visited the sites of all of the resources. Some of the resources were gone, which he noted on the paper database forms. For each resource that survived, even if only in small part or through an associated outbuilding, he updated the information on the paper survey field form. He also took at least three photographs and, for exceptional resources, as many as 25 to 30 photographs.

Based upon the fieldwork, URS then updated the 50 database records on the Access database and sent a copy of the updated database to the HPO for review, along with the paper survey files. The updates included changes to the resources in the basic data fields of the database. They also included completion of the narrative summary field, which was broken down into two parts. One part was a description/history of the resource taken from the narrative entry in the file or, in some cases, the 1998 county survey publication *Coastal Plain and Fancy*.² (In cases where neither existed, URS included the brief free comment from the original HPO survey form or drafted a narrative based upon the information and photographs included in the file.) The other part of the narrative was a brief account of how the resource had changed from its previous inventory to the present. The HPO commented on the updated forms, in writing. (Throughout the project, URS has been the repository of the Lenoir County database and has made the only electronic changes to that database. URS will maintain the database until both the southern *and* northern portions of the county are re-inventoried). Upon receiving the HPO's comments and suggestions, URS then revised the database.

Following the review of the first 50 forms, URS continued the above process for all of the remaining resources within southern Lenoir County and eight newly added resources. In consultation with the HPO, URS modified the structure of the database. These modifications

¹ URS Senior Architectural Historian Marvin A. Brown, who meets the Secretary of the Interior's Standards as a historian and an architectural historian, conducted all of the fieldwork and made the assessments and recommendations included within this report.

² Little, M. Ruth. *Coastal Plain and Fancy: The Historic Architecture of Lenoir County and Kinston, North Carolina*. Kinston: Lenoir County Historical Association, 1998.

allow editors and users to upload and view previously prepared narrative descriptions, historic photographs, and modern photographs for properties and districts (process outlined at Appendix B). With one added link, the user may now open a window that contains a large and representative selection of earlier photographs of each resource, which URS has scanned and added to the database.³ With a second link, the user may now open a window that contains the new photographs that URS took as part of the project (process for adding photographs outlined at Appendix C). With these actions and modifications, the user may, without the paper file at hand, access a significant amount of information on each resource.⁴

This report encompasses the resurvey of the northern portion of the county. It mirrors the process described above for the inventory of the initial 50 resources and for the remaining resources in the southern part of the county. As the entire county has now been resurveyed (with the exception of Kinston and LaGrange, as required), the updated database has been returned to the HPO.

B. Architectural Fieldwork

The PI drove every road in Lenoir County north of US 70 as part of the architectural fieldwork. With him he had copies of the HPO's USGS quadrangle maps that identified previously recorded resources for the portion of the county north of US 70. These were the Ayden, Falling Creek, Grifton, Hookerton, Kinston, and LaGrange maps. He also had the paper files for each previously recorded resource, the provisionally completed Access database form, a copy of Little's *Coastal Plain and Fancy*, and a digital camera. The PI visited a total of 258 sites, broken down by type in the table below.

SITES VISITED	
Previously recorded sites of standing resources visited	255
Previously recorded archaeological sites visited	0
Newly recorded sites of standing resources visited	3
Total sites visited	258

At the 255 sites of previously recorded standing resources, 80 principal resources had been removed through fire, demolition, or other means of destruction, or by moving from the site. As recorded at the table below, nine of these principal resources had already been removed by 1993-1994 and 71 were removed after those dates.

³ The scope of work called for the consultant to scan only a few representative photos from the files where useful to supplement new photographs. However, due to the process developed for linking images, the dimensions of the enlarged-format contact sheets in the files and, not least, the usefulness of early photographs, the consultant scanned numerous earlier images, where available, for each resource.

⁴ The paper files still hold useful information not available on the database, including field notes, sketch maps, historical information, and all of the earlier photographs of the resource. Currently, resources are insufficient to scan all of these materials and add them to the database..

SITES WITH PRINCIPAL STANDING RESOURCES REMOVED	
Principal resource removed from site prior to 1993-1994 survey	9
Principal resource removed from site after 1993-1994 survey	71
Total sites with principal standing resources removed	80

Therefore, as noted at the below table, the total number of previously recorded sites that no longer retain their principal standing resources is 31%. Of those, 3% had been lost prior to the 1993-1994 survey and 28% after that survey.

PERCENTAGE OF SITES WITH PRINCIPAL STANDING RESOURCES REMOVED	
Removed from site prior to 1993-1994 survey	3%
Removed from site after 1993-1994 survey	28%
Total of sites with principal standing resources removed	31%

At sites where principal standing resources survived, the PI photographed the principal resource, outbuildings, and other notable features. At sites where the principal resource had been removed, the PI photographed any surviving outbuildings and, where landscape features survived, the site of the principal resource.

In general, outside of destruction of resources, the previously inventoried principal resources were little changed over the last 16 to 17 years. Generally, those that were in poor condition in the early 1990s were in the same or worse condition, with few alterations other than those worked by time and neglect. Those that were in good condition in the early 1990s continue, in general, to be in good condition, again with few alterations. For the principal standing historic resources in Lenoir County, it may in broad terms still be the 1990s.

While principal resources have largely survived unchanged, a far greater number of outbuildings have been lost or have deteriorated heavily in the past two decades. Even at sites with carefully maintained principal resources, outbuildings are at best stabilized. The vast majority of survivors in the county from the mid-20th century and earlier are in serious danger of demolition or collapse in the not-too-distant future.

The scope of work required that the consultant record at least three new digital images of the principal resource and associated buildings at each site. However, due to the process developed for linking images and the great utility of modern photographs, the consultant took at least four to eight photographs at most resources and, where called for, upwards of 25 to 30 photographs at some sites. The PI determined that the larger number of photographs was necessary, due to limited photography of principal resources and, in particular, outbuildings, for some resources in earlier surveys.

C. Identification of Potentially Eligible Resources

Twenty-seven resources within the northern section of the county were previously listed or determined eligible for NR listing, or found to be potentially eligible. Two of these are NR listed; nine have been determined NR-eligible through an official determination of eligibility (DOE); and the remaining 16 have been placed on the North Carolina Study List (Study List or SL) of resources that are potentially eligible for NR listing and merit further investigation. Both of the NR-listed resources are standing resources that are believed to retain their integrity and significance and therefore continue to merit their listed status. The two are listed and assessed in the below table.

RESOURCES LISTED IN THE NATIONAL REGISTER OF HISTORIC PLACES			
LR No.	Name	Status	Eligibility Comments
0004	Herring House	NR	Appears to retain integrity and significance and to merit continued NR listing
0571	Tull-Worth- Holland Farm	NR	Appears to retain integrity and significance and to merit continued NR listing

Nine standing resources—listed and assessed at the below table—have been determined eligible through a DOE, either individually or as resources that contribute to a determined-eligible historic district. Five of these appear to retain their integrity and significance and to therefore merit continued DOE status. Three of the four that are believed to longer merit their DOE status are no longer extant. The fourth—the Neuseway Park Nature Center (LR-1253)—is believed to no longer merit its DOE status due to loss of integrity of its components.

RESOURCES DETERMINED NR-ELIGIBLE THROUGH A DETERMINATION OF ELIGIBILITY			
LR No.	Name	Status	Eligibility Comments
0796	Moore-Foster House	DOE	Recommend removal of DOE status; no longer on site
0797	Rountree- Askew-Moseley Farm	DOE	Appears to retain integrity and significance and to merit continued DOE status
0825	Wylie T. Moseley Farm	DOE	Recommend removal of DOE status; no longer on site
0830	Whitfield- Carraway- Scarborough Farm ("Monticello")	DOE	Appears to retain integrity and significance and to merit continued DOE status
0866	Frederick Greene Taylor Farm	DOE	Recommend removal of DOE status; no longer on site
0881	John Sutton Farm	DOE	Appears to retain integrity and significance and to merit continued DOE status
0884	Dobbs School: Weil & Leonard Bldgs	DOE	Appears to retain integrity and significance and to merit continued DOE status; boundaries should likely be extended to encompass entire campus
0945	Fields-Sugg Farm	DOE	Appears to retain integrity and significance and to merit continued DOE status
1253	Neuseway Park Nature Center	DOE	Recommend removal of DOE status due to loss of integrity of its components

Sixteen standing resources, which are listed and assessed at the table below, have been placed on the North Carolina Study List Study List.⁵ It is believed that of these resources, 11 retain sufficient significance and integrity to merit remaining on the list and that five should be removed.

Four of the five resources recommended for removal from the SL are no longer extant. The fifth—the Lenoir Collegiate Institute (LR-0950)—is believed to have lost integrity through the removal of one of its resources and the virtual destruction of another. It is therefore recommended for removal from the list.

⁵ To avoid double counting of resources, those resources that are on the SL, but have also been NR-listed or determined eligible, have not been included among the 16 resources in the table. They are listed above with the NR or DOE resources.

RESOURCES INCLUDED ON NORTH CAROLINA STUDY LIST OF POTENTIALLY NR-ELIGIBLE RESOURCES			
LR No.	Name	Status	Eligibility Comments
0740	Willie C. West Farm	SL	Appears to retain sufficient integrity and significance to merit continued SL status
0743	John Rhem House	SL	Appears to retain sufficient integrity and significance to merit continued SL status
0762	Redding Jackson Farm	SL	Appears to retain sufficient integrity and significance to merit continued SL status
0772	Harvey- Mewborn House	SL	Appears to retain sufficient integrity and significance to merit continued SL status
0787	Dunn-Canady (LaFayette) House	SL	Appears to retain sufficient integrity and significance to merit continued SL status
0807	D. W. Hamilton General Merchandise Store	SL	Recommended for removal from SL; no longer stands on site
0809	(former) Capstone Masonic Lodge	SL	Appears to retain sufficient integrity and significance to merit continued SL status
0816	Walter Dunn, Jr. House ("Jericho")	SL	Appears to retain sufficient integrity and significance to merit continued SL status
0858	Horace Taylor House	SL	Appears to retain sufficient integrity and significance to merit continued SL status
0862	(former) Airy Grove School	SL	Recommended for removal from SL; no longer stands on site
0863	Frank Jones Farm	SL	Appears to retain sufficient integrity and significance to merit continued SL status
0894	Hodges-Efird House	SL	Recommended for removal from SL; no longer stands on site
0917	Dawson-Gray- Brothers House	SL	Recommended for removal from SL; no longer stands on site
0940	Lenoir Collegiate Institute	SL	Recommended for removal from SL, due to loss of integrity
0964	Alfonzo Walters Millpond	SL	Appears to retain sufficient integrity and significance to merit continued SL status
1223	James Yadkin Joyner Cottage	SL	Appears to retain sufficient integrity and significance to merit continued SL status

In addition to the 27 resources in the northern part of the county that were previously listed or determined eligible for NR listing, or found to be potentially eligible and listed on the Study List, seven additional resources are recommended for placement on the Study List. Four of these resources were previously inventoried: the West Crossroads Farm (LR-741), Contentnea School (LR-800), the Rouse-Edmondson-Wilson House (LR-968), and the Fairview Cemetery Mortuary Building (LR-978). Three were newly inventoried: the DuPont Polyester Fiber Plant (LR-1552), the (former) Savannah High School (LR-1553), and the (former) Kinston Armory Complex (LR-1554). The seven are listed in the table below.

RESOURCES RECOMMENDED FOR INCLUSION ON NORTH CAROLINA STUDY LIST OF POTENTIALLY NR-ELIGIBLE RESOURCES			
LR No.	Name	Status	Eligibility Comments
0741	West Crossroads Farm		Recommended for SL listing
0800	Contentnea School		Recommended for SL listing
0968	Rouse-Edmondson-Wilson House		Recommended for SL listing
0978	Fairview Cemetery Mortuary Building		Recommended for SL listing
1552	DuPont Polyester Fiber Plant		Recommended for SL listing
1553	(former) Savannah High School		Recommended for SL listing
1554	(former) Kinston Armory Complex		Recommended for SL listing

D. Update GIS Mapping

URS updated the GIS data layers for Lenoir County maintained by the North Carolina HPO. As stated in the scope of work, URS added newly inventoried individual resources to the HPO's surveyed and mapped GIS layer and added newly inventoried districts/neighborhoods to the surveyed GIS layer. The scope further stated that the consultant would create and add center points of the newly inventoried districts/neighborhoods to the surveyed GIS layer. The GIS data layers were updated as required.

III. RECOMMENDATIONS AND CONCLUSIONS

A. Standing Resources

A total of 258 resources were visited during the updating of the inventory of the northern portion of Lenoir County, three of which were newly surveyed. Of these, the two resources that are listed on the NR appear to continue to retain their significance and integrity. Five of the nine resources that have been determined eligible for NR listing are also believed to continue to merit their DOEs. And 11 of the 16 resources included on the North Carolina SL are believed to still merit their positions on the list.

The original 1993-1994 survey was extremely effective in identifying the county's most significant and intact standing historic resources. Nonetheless, four previously inventoried resources are recommended for inclusion on the Study List of potentially eligible resources. The three newly inventoried resources are recommended for inclusion on the SL as well. These three were not previously inventoried because they were less than 50 years of age when the county was surveyed back in the early 90s.

The large majority of previously inventoried principal standing resources in the northern portion of the county have changed little since 1993-1994. There are two exceptions to this rule. About 31 percent of principal resources have been lost since that time and numerous outbuildings have been lost or have heavily deteriorated over the same period of time. (By contrast, in the southern portion of the county, only 20 percent of previously inventoried resources have been lost. It too, though, has seen the destruction of many outbuildings.)

Due to technological advances since the early 1990s—including the development/improvement of county GIS databases, Access databases, scanning capabilities, and digital photography—many once difficult or time-consuming attributes of a resurvey of a well-studied county can now be relatively easily addressed. The mapping of resources and identification of tax parcel numbers is much easier, at least in counties such as Lenoir that have GIS databases. The HPO's Access database is more user-friendly (at the front and the back end) than its predecessor. Earlier photographs can be scanned in and attached to survey forms in the database, as can modern digital photographs. Resurvey, therefore, makes access to the most important information contained in the HPO's historic standing resources files far easier, particularly from locations outside of Raleigh and the western HPO office in Biltmore Forest.

Lenoir County is believed to provide a model for any future re-inventory of the large number of North Carolina's counties that were previously comprehensively inventoried. For these counties, an entire resurvey may not be called for. Rather, a resurvey of those resources that are listed in the NR, have been determined eligible through a DOE, or have been placed on the SL may identify all or almost all of the eligible and potentially eligible resources in the most cost-effective way. This can be supplemented by additional resurvey, as needed, to more fully identify the historic resources in a county or to fully comply with such federal regulations as 36 CFR 800 (Section 106) and the National Environmental Policy Act (NEPA). As the eligibility of resources changes over time, no survey or resurvey, unless constantly updated, can conclusively

identify all notable or NR-eligible resources. Therefore, a limited amount of resurvey will always be necessary. The depth of this resurvey, however, should vary depending on what work has been previously done in the county and what the resurvey is intended to accomplish.

The resurvey of Lenoir County provides information that will be useful in determining what resources merit further study as part of a county or municipal inventory or a Section 106 or NEPA-driven project. The previous survey activity in Lenoir County, particularly that of 1993-1994, did not result in the inventory (or even the identification via abbreviated coded entries on the USGS field maps) of every resource in the county that was 50 years old or older at the time of the survey. It is believed that no countywide survey, and no or virtually no municipal survey, results in the inventory of every such resource. Nonetheless, the inventory identified almost all of the 50-year-old-or-older resources that were eligible for NR listing or for placement on the Study list. Therefore Section 106 and NEPA projects, like county and municipal inventory projects, may be successful even if they do not include survey of every resource that is 50 years old or older.

B. HPO Access Database

During this resurvey, a number of additions were made to the HPO's Access database that, though somewhat time consuming, add to the utility of the Lenoir County database. Three notable changes were made by the consultant, in consultation with the HPO, that make the database more inclusive and useful. As described in detail at Appendix A, in addition to updating the information in the database to reflect the current conditions of historic properties in Lenoir County, the structure of the database was modified. These modifications allow editors and users to upload and view narrative descriptions, historic photographs, and modern photographs for properties and districts. While different and perhaps better means may be developed to make these changes—the process developed for adding labeled modern photographs to the database is somewhat unwieldy—it is believed that the Lenoir County database has been improved as a result of this project. It is recommended that similar changes be contemplated for the database as a whole.

IV. APPENDICES

APPENDIX A

**Annotated Inventory List for Resources
North of US 70 in Lenoir County, December 2010**

APPENDIX B

**Modifications made to the Lenoir County MS Access Database
How to Use the NC HPO Survey Database for Lenoir County with Added
Text and Photo Viewing Functionality
Database Modifications**

APPENDIX C

**Inserting Text from Historic Files
Creating Modern and Historic Picture Files**

APPENDIX A

Annotated Inventory List for Resources North of US 70 in Lenoir County, December 2010

FALLING CREEK QUAD

LR No.	Name	Presence	Status	Eligibility Comments
0871	Ward House			Not recommended for SL listing
0872	(former) Tyndall College			Not recommended for SL listing
0873	Moore Community			Not recommended for SL listing
0874	Dawson's Station Community			Not recommended for SL listing
0875	G. Hartsfield House			Not recommended for SL listing
0876	Walter Rouse Farm			Not recommended for SL listing
0877	Joe Suggs House	Gone post-1993		Not recommended for SL listing
0878	Noah Small, Sr. Farm			Not recommended for SL listing
0879	Hill Farm			Not recommended for SL listing
0880	Leon Sutton Farm	Mismapped as LR 931, which does not exist; occupies mapped location of LR 880		Not recommended for SL listing
0881	John Sutton Farm		DOE	Appears to retain integrity and significance and to merit continued DOE status
0882	McGlawhorn-Poole House	Gone post-1993		Not recommended for SL listing

0883	Poole-Smith House			Not recommended for SL listing
0884	Dobbs School: Weil & Leonard Bldgs		DOE	Appears to retain integrity and significance and to merit continued DOE status; boundaries should likely be extended to encompass entire campus
0885	Charlie Robinson House	Gone post-1993		Not recommended for SL listing
0886	Poole Family Cemetery			Not recommended for SL listing
0887	Guy & Mary Susan White Farm			Not recommended for SL listing
0894	Hodges-Efird House	Gone post-1993	SL	Recommended for removal from SL; no longer stands on site
0895	George Parrot House	Gone between 1976 and 1993		Not recommended for SL listing
0897	Darden-Dawson-Rouse House/ Falling Creek Station	Gone post-1993		Not recommended for SL listing
0898	Jake Dawson House			Not recommended for SL listing
0899	Enzel Sullivan House			Not recommended for SL listing
0900	John Gray House	Gone between 1968 and 1993		Not recommended for SL listing
0901	(former) Dawson Railroad Station			Not recommended for SL listing
0902	Wheat Swamp Christian Church			Not recommended for SL listing
0903	John Miller & Maude Creech House			Not recommended for SL listing

0904	Hines-Aldridge Farm			Not recommended for SL listing
0905	House			Not recommended for SL listing
0906	Marion Rouse Tenant House	Gone post-1993		Not recommended for SL listing
0907	Daly's Chapel Free Will Baptist Church			Not recommended for SL listing
0908	Garfield Gregory House & Store	Gone post-1993		Not recommended for SL listing
0909	House			Not recommended for SL listing
0910	Gregory House			Not recommended for SL listing
0911	Rev. Samuel B. Dozier House	Gone post-1993		Not recommended for SL listing
0912	Bledsoe- Brothers House & Farm			Not recommended for SL listing
0914	Bank's Chapel Missionary Baptist Church			Not recommended for SL listing
0915	Parrott- Coleman Tenant House			Not recommended for SL listing
0916	Hollinsworth House			Not recommended for SL listing
0917	Dawson-Gray- Brothers House	Burned 2005 and replaced by Creech- Bryan House from Institute	SL	Recommended for removal from SL; no longer stands on site
0918	House			Not recommended for SL listing
0919	Hugh Holten Hardy House			Not recommended for SL listing
920	Westbrook-Hardy House			Not recommended for SL listing
0921	Henry Brothers House & Farm			Not recommended for SL listing

0922	William (Billy) Hines House			Not recommended for SL listing
0924	Dr. Brantson Beeson & Naomi Holder House			Not recommended for SL listing
0925	John D. Hodges Commissary	Gone post-1994		Not recommended for SL listing
0940	Lenoir Collegiate Institute		SL	Recommended for removal from SL, due to loss of integrity
0941	Hughes (Byrd Packhouse) House	Gone post-1994		Not recommended for SL listing
0944	Aldridge House			Not recommended for SL listing
0945	Fields-Sugg Farm		DOE	Appears to retain integrity and significance and to merit continued DOE status
0946	Ralph Measeley House			Not recommended for SL listing
0947	House			Not recommended for SL listing
0949	Rachel Brewer Farm			Not recommended for SL listing
1190	House/Dairy			Not recommended for SL listing
1191	House			Not recommended for SL listing

LAGRANGE QUAD

LR No.	Name	Presence	Status	Eligibility Comments
0004	Herring House		NR	Appears to retain integrity and significance and to merit continued NR listing
0960	House	Gone post-1993		Not recommended for SL listing
0961	Sally Whitted House	Gone post-1993		Not recommended for SL listing
0963	Pelletier-Hines Grocery Store			Not recommended for SL listing
0964	Alfonzo Walters Millpond		SL	Appears to retain sufficient integrity and significance to merit continued SL status

0965	David Edward Herring Farm			Not recommended for SL listing
0966	Simroe Church			Not recommended for SL listing
0968	Rouse-Edmondson-Wilson House			Recommended for SL listing
0969	Hamm's Store			Not recommended for SL listing
0970	Abner Fields Store			Not recommended for SL listing
0971	Fields Store & Cafe	Gone post-1993		Not recommended for SL listing
0972	Horace Fields Cellar Outbuilding	Gone post-1993		Not recommended for SL listing
0973	Abner Fields House			Not recommended for SL listing
0974	House	Gone post-1993		Not recommended for SL listing
0975	Loraine Britt-Bell House	Gone post-1993		Not recommended for SL listing
0977	Ray Hardee Farm			Not recommended for SL listing
0978	Fairview Cemetery Mortuary Building			Recommended for SL listing
0980	Moseley Hall			Not recommended for SL listing
1007	John T.H. Walters House	Gone post-1993		Not recommended for SL listing
1223	James Yadkin Joyner Cottage		SL	Appears to retain sufficient integrity and significance to merit continued SL status
1224	Malachai Fields House			

GRIFTON QUAD

LR No.	Name	Presence	Status	Eligibility Comments
0709	Will Worthington House			Not recommended for SL listing
0713	Tenant House	Gone post-93		Not recommended for SL listing
0716	Johnny Bryant House			Not recommended for SL listing
0717	Rountree-Smith House & Farm			Not recommended for SL listing
0718	Odham-Rouse Store	Gone post-93		Not recommended for SL listing
0719	Bethel Christian Church			Not recommended for SL listing
0720	Bob Nelson House			Not recommended for SL listing
0723	Coward- Barwick House			Not recommended for SL listing
0724	Samuel H. Coward House			Not recommended for SL listing
0726	(former) Bethel School			Not recommended for SL listing
0727	Mary Davis House	Gone post-93		Not recommended for SL listing
0728	Nelson-McArthur Farm			Not recommended for SL listing
0729	M. F. Odom House			Not recommended for SL listing
0730	Sand Hill Free Will Baptist Church			Not recommended for SL listing
0731	British Chapel Free Will Baptist Church			Not recommended for SL listing

0732	House			Not recommended for SL listing
0733	Norman West Tenant House	Gone post- 93		Not recommended for SL listing
0734	George Noble Farm			Not recommended for SL listing
0735	Jake Parrott House			Not recommended for SL listing
0736	Bethany United Methodist Church			Not recommended for SL listing
0737	Norman West House			Not recommended for SL listing
0738	Blow-Hunt House			Not recommended for SL listing
0739	James Lewis Kilpatrick House			Not recommended for SL listing
0740	Willie C. West Farm		SL	Appears to retain sufficient integrity and significance to merit continued SL status
0741	West Crossroads Farm			Recommended for SL listing
0742	Hickory Grove Church of Christ			Not recommended for SL listing
0743	John Rhem House		SL	Appears to retain sufficient integrity and significance to merit continued SL status
0744	Wests Crossroads Tenant House			Not recommended for SL listing
0745	Jeff Alexander Daughety House			Not recommended for SL listing
0746	Felix Hills House			Not recommended for SL listing
0747	Closs Crossroads			Not recommended for SL listing
0748	House			Not recommended for SL listing
0787	Dunn-Canady (LaFayette) House		SL	Appears to retain sufficient integrity and significance to merit continued SL status
0981	Rosa Taylor Brittain House	Gone post- 93		Not recommended for SL listing
1552	DuPont Polyester Fiber Plant			Recommended for SL listing

AYDEN QUAD

LR No.	Name	Presence	Status	Eligibility Comments
0704	L. E. & Annie Stokes House	Gone post-93		Not recommended for SL listing
0705	Danny Sutton House			Not recommended for SL listing
0706	Phillips Log Kitchen House			Not recommended for SL listing
0707	Josh & Ida Craft House	Gone post-93		Not recommended for SL listing
0708	Phillips-Pittman House			Not recommended for SL listing
0710	Hardee House	Burned post-1993		Not recommended for SL listing
0712	Dunn-Smith House			Not recommended for SL listing
0714	Freeman House	Gone post-93		Not recommended for SL listing
0715	Nelson Tenant House	Gone post-93		Not recommended for SL listing
0721	Tom Worthington House			Not recommended for SL listing
0789	Dunn-Cox House	Demolished in 1980s		Not recommended for SL listing

HOOKERTON QUAD

LR No.	Name	Presence	Status	Eligibility Comments
0711	Fred W. Stokes House			Not recommended for SL listing
0722	Tom Abbott House			Not recommended for SL listing
0725	William Parker Gilbert Farm			Not recommended for SL listing

0749	(former) Gilbert School	Gone post-93		Not recommended for SL listing
0750	Stephen Nathan Gilbert Tenant House	Gone post-93		Not recommended for SL listing
0751	(former) Hugo School	Gone post-93		Not recommended for SL listing
0752	House	Gone post-93		Not recommended for SL listing
0753	Zeno Allen Harris House			Not recommended for SL listing
0754	Woodrow A. Tilghman House			Not recommended for SL listing
0755	Hugo Free Will Baptist Church			Not recommended for SL listing
0756	Uzell Phillips House			Not recommended for SL listing
0757	Stephen Nathan Gilbert House			Not recommended for SL listing
0758	Edwards Chapel United Methodist Church			Not recommended for SL listing
0759	Joe Carnes Tenant House			Not recommended for SL listing
0760	Joe Carnes Packhouse			Not recommended for SL listing
0762	Redding Jackson Farm		SL	Appears to retain sufficient integrity and significance to merit continued SL status
0763	Harold Blount Sawyer House & Store			Not recommended for SL listing
0764	Sawyer House	Not found (located far from road)	May or may not be extant	Not recommended for SL listing
0765	Taylor House & Farm	Gone post-93		Not recommended for SL listing

0766	Kenneth Hall House			Not recommended for SL listing
0767	Buck Smith House			Not recommended for SL listing
0768	Elias Liverman Hazelton House	Gone post-93		Not recommended for SL listing
0824	Coward- Murphy Farm	Gone post-93		Not recommended for SL listing
0893	Gilbert Town			Not recommended for SL listing
0913	Smith-Perry Farm			Not recommended for SL listing

KINSTON QUAD

LR No.	Name	Presence	Status	Eligibility Comments
0571	Tull-Worth-Holland Farm		NR	Appears to retain integrity and significance and to merit continued NR listing
0761	Wiggins- Phillips House	Gone post-93		Not recommended for SL listing
0769	Charlton & Annie Simmons House	Gone post-93		Not recommended for SL listing
0770	Hardison House			Not recommended for SL listing
0771	Tenant House	Gone post-93		Not recommended for SL listing
0772	Harvey- Mewborn House		SL	Appears to retain sufficient integrity and significance to merit continued SL status
0773	Dave Phillips House			Not recommended for SL listing
0774	Gussie Lang House			Not recommended for SL listing
0775	Troy Rouse House	Gone post-93		Not recommended for SL listing
0776	Sharon United Methodist Church			Not recommended for SL listing
0777	Bryant Cameron Langston Store	Gone post-93		Not recommended for SL listing

0778	Canady Tenant House	Gone post-93		Not recommended for SL listing
0779	Bryant Cameron Langston House			Not recommended for SL listing
0780	Sherman Odham House			Not recommended for SL listing
0781	Savannah Free Will Baptist Church			Not recommended for SL listing
0782	Jay R. Fields House	Gone post-93		Not recommended for SL listing
0783	Taylor-Fields House	Gone post-93		Not recommended for SL listing
0784	Brown House			Not recommended for SL listing
0785	Wiley Whitley House	Gone post-93		Not recommended for SL listing
0788	Harvey-Moore House (DESTROYED)	Demo'ed between 1968 & 93		Not recommended for SL listing
0791	Moore-Heath House	Burned pre 1993; then demo'ed		Not recommended for SL listing
0792	(former) Heath School	Gone post-93		Not recommended for SL listing
0793	Airy Grove Christian Church			Not recommended for SL listing
0794	E. N. Dickerson Tenant Farm	Gone post-93		Not recommended for SL listing
0795	Willie Humphrey Farm			Not recommended for SL listing
0796	Moore-Foster House	Burned March 1996	DOE	Recommend removal of DOE status; no longer on site
0797	Rountree-Askew-Moseley Farm		DOE	Appears to retain integrity and significance and to merit continued DOE status
0798	Ernest L. Johnson Farm			Not recommended for SL listing

0799	Hodges- Mewborn House	Gone post-93		Not recommended for SL listing
0800	Contentnea School			Recommended for SL listing
0801	Jericho AME Zion Church Fellowship Hall			Not recommended for SL listing
0802	Charles A. Broadway House			Not recommended for SL listing
0803	Jesse W. Broadway House	Gone post-93		Not recommended for SL listing
0804	Graingers Railroad Section House			Not recommended for SL listing
0805	Charles W. Tilghman House	Burned in 1991		Not recommended for SL listing
0806	(former) Broadway-North Drive-in Theatre			Not recommended for SL listing
0807	D. W. Hamilton General Merchandise Store	Gone post-93	SL	Recommended for removal from SL; no longer stands on site
0808	Graingers			Not recommended for SL listing
0809	(former) Capstone Masonic Lodge		SL	Appears to retain sufficient integrity and significance to merit continued SL status
0810	Graingers Baptist Church			Not recommended for SL listing
0811	Clark-Small House (Moved)	Moved to Jones Co in 1994		Not recommended for SL listing
0812	House			Not recommended for SL listing
0813	House			Not recommended for SL listing
0814	Quincy Faulkner House			Not recommended for SL listing
0815	Ben Faulkner Farm			Not recommended for SL listing
0816	Walter Dunn, Jr. House ("Jericho")		SL	Appears to retain sufficient integrity and significance to merit continued SL status
0817	Robert Hill Farm			Not recommended for SL listing

0818	Sam Abbott House & Farm			Not recommended for SL listing
0819	Arthur Rouse House			Not recommended for SL listing
0820	Wiggins-Dale House			Not recommended for SL listing
0821	Alton Dale Tenant House	Gone post 93		Not recommended for SL listing
0822	Frank Jones Tenant House	Gone post 93		Not recommended for SL listing
0823	House	Gone post 93		Not recommended for SL listing
0825	Wylie T. Moseley Farm	Gone post 93	DOE	Recommend removal of DOE status; no longer on site
0826	Augustus Moseley House			Not recommended for SL listing
0827	Octavius Moseley House	Gone post 93		Not recommended for SL listing
0828	Ossie Taylor Farm			Not recommended for SL listing
0829	Clyde Daughety Farm			Not recommended for SL listing
0830	Whitfield-Carraway-Scarborough Farm ("Monticello")		DOE	Appears to retain integrity and significance and to merit continued DOE status
0831	Albert Suggs Farm			Not recommended for SL listing
0832	Roy Wooten House			Not recommended for SL listing
0833	(former) Brights School			Not recommended for SL listing, although may have been a Rosenwald School; does not retain integrity
0834	Post Oak Church Community Church			Not recommended for SL listing
0835	Claude Rouse House			Not recommended for SL listing
0836	George Mills Farm	Gone post 93		Not recommended for SL listing

0837	Bright-Hooker-Gray House			Not recommended for SL listing
0838	Lucy Gray House	Gone post 93		Not recommended for SL listing
0839	(former) Carroll & Dawson Doctor's Office	Gone post 93; moved		Not recommended for SL listing
0840	(former) Fairfield Academy School	Moved		Not recommended for SL listing
0841	Hyman Mewborn Farm	Gone post 93		Not recommended for SL listing
0842	Mewborn- Bizzell House	Gone post 93		Not recommended for SL listing
0843	William Harper House	Demo'ed c.1995		Not recommended for SL listing
0844	Phillips- Moseley (Pomp Moseley) House			Not recommended for SL listing
0845	Benjamin Franklin Scarborough Farm			Not recommended for SL listing
0846	(former) Happersville Store	Map incorrectly notes this is gone		Same resource as LR1253 which has a DOE (see that entry)
0847	Beck Bland House	Burned 1995		Not recommended for SL listing
0848	Leslie Parker House			Not recommended for SL listing
0849	Paul Wallace House	Gone post 93		Not recommended for SL listing
0850	Jesse Jackson-Heath House			Not recommended for SL listing
0851	William Dove Tenant House	Gone post 93		Not recommended for SL listing
0852	Pinkney Hill House	Demo'ed in 1996		Not recommended for SL listing

0853	Raymond P. Cunningham Farm			Not recommended for SL listing
0854	Fred Heath Farm			Not recommended for SL listing
0855	Harper-Heath Farm			Not recommended for SL listing
0856	David W. Taylor Farm			Not recommended for SL listing
0858	Horace Taylor House		SL	Appears to retain sufficient integrity and significance to merit continued SL status
0859	Fordham House	Gone post 93		Not recommended for SL listing
0860	William Isler Herring Farm			Not recommended for SL listing
0861	William Isler Herring House, I			Not recommended for SL listing
0862	(former) Airy Grove School	Gone post 93	SL	Recommended for removal from SL; no longer stands on site
0863	Frank Jones Farm		SL	Appears to retain sufficient integrity and significance to merit continued SL status
0864	Roy Moore House			Not recommended for SL listing
0865	Cullen-Phillips House			Not recommended for SL listing
0866	Frederick Greene Taylor Farm	Gone post 93	DOE	Recommend removal of DOE status; no longer on site
0867	Hartsfield-Taylor House			Not recommended for SL listing
0868	Ely Perry Tenant House			Not recommended for SL listing
0869	Burning Bush Community			Not recommended for SL listing
0870	Stallings Army Air Corps Training Center			Not recommended for SL listing
0888	Taylor-Tucker-Rouse Cemetery			Not recommended for SL listing
0889	Mewborn Cemetery	Could not locate		Likely no longer extant

0890	Tenant House	Gone post 1993		Not recommended for SL listing
0891	House	Gone post 93		Not recommended for SL listing
0892	Yelverton Pack House	Gone post 93		Not recommended for SL listing
1242	Sam Rountree House	Destroyed between 1968 and 1976		Not recommended for SL listing
1243	House			Not recommended for SL listing
1244	Thomas Cunningham House			Not recommended for SL listing
1245	Clyde Cunningham House & Store			Not recommended for SL listing
1248	Eliza Dawson Farm			Not recommended for SL listing
1249	Tower Hill House	Destroyed in 1950s		Not recommended for SL listing
1253	Neuseway Park Nature Center		DOE	Recommend removal of DOE status due to loss of integrity of its components
1553	(former) Savannah High School			Recommended for SL listing
1554	(former) Kinston Armory Complex			Recommended for SL listing

APPENDIX B

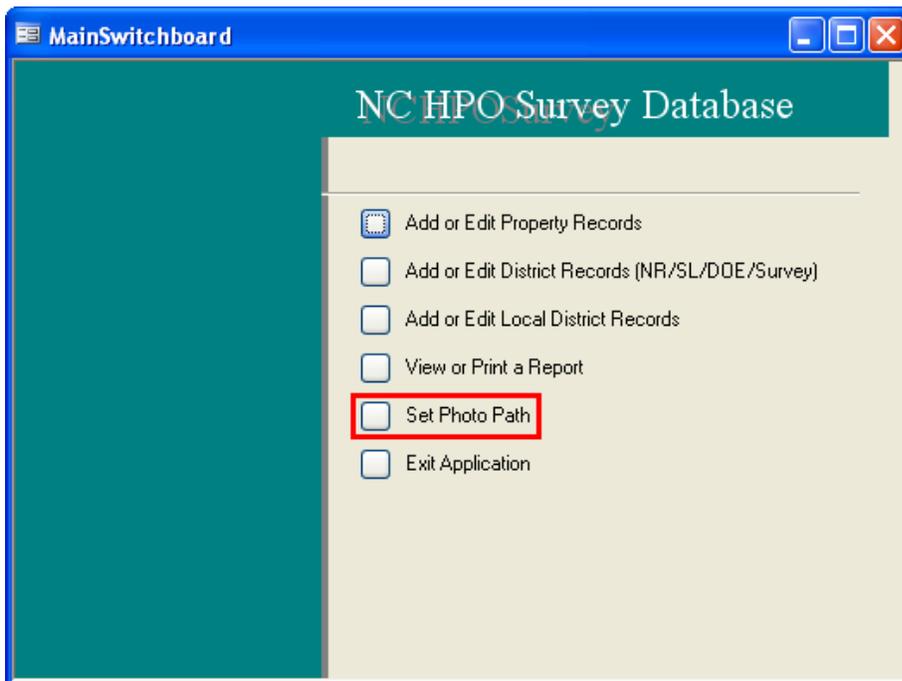
Modifications made to the Lenoir County MS Access Database

As part of the Kinston Bypass Project and Archaeological Survey Update project, the Lenoir County NC HPO Survey Database was updated to reflect current conditions of historic properties in Lenoir County. In addition to updating this information, the structure of the database was modified. These modifications allow editors and users to upload and view narrative descriptions, historic photographs, and modern photographs for properties and districts.

Instructions for using the additional functionality of the database are provided in Appendix A. Also, a detailed list of exactly what was modified in the database structure is provided in Appendix B.

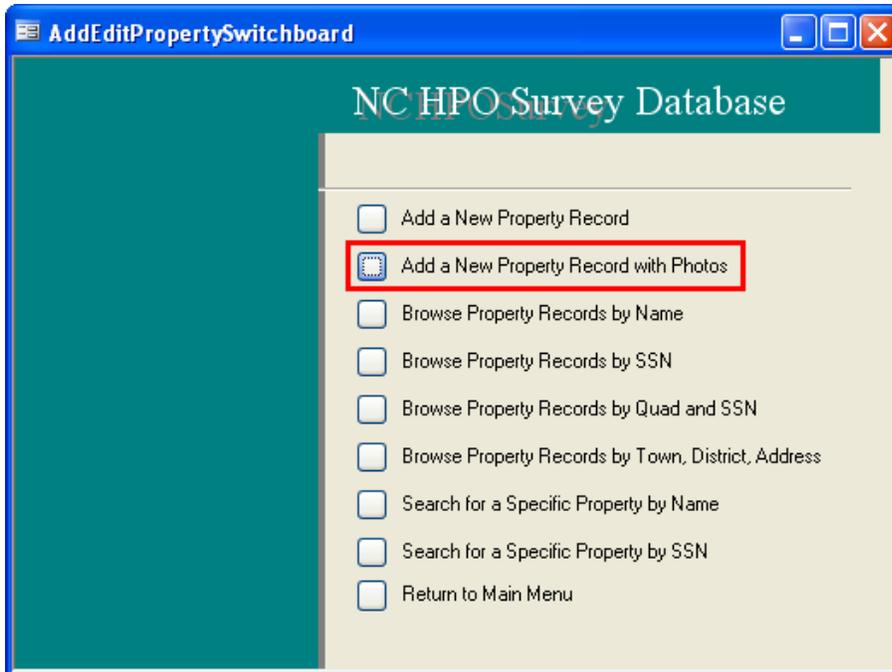
Main Switchboard

The **Main Switchboard** was updated to include a button to set the path where photographs are stored on the user's local server. The database will use this path to search for narrative text, historic photo, and modern photo files.



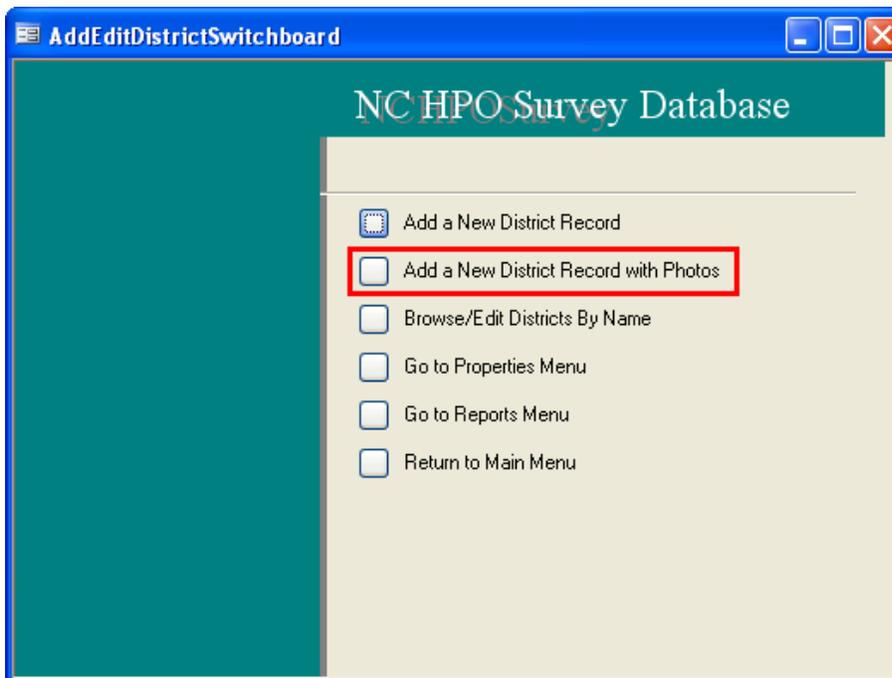
Add or Edit Property Records Switchboard

Add a New Property Record with Photos functionality has been added to this switchboard. This function is used to add new property records and their associated narrative texts, historic photos, and modern photos. The original functionality of **Add a New Property Record** button was not modified.



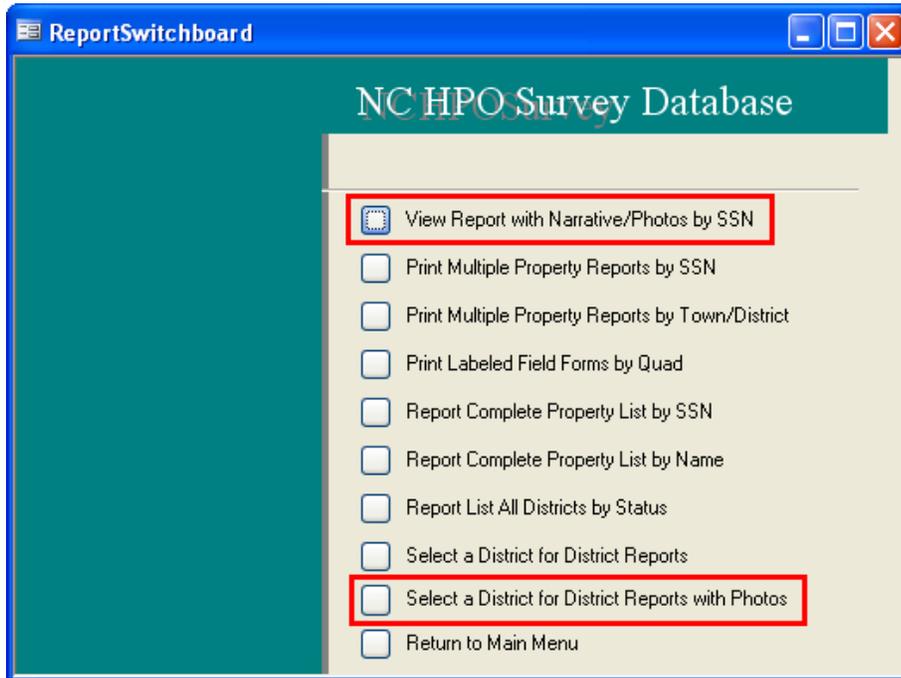
Add or Edit District Records Switchboard

The **Add or Edit District Records Switchboard** was modified to include a button for the user to **Add a New District Record with Photos**. This functionality allows the user to add a new district record along with narrative text, historic photos, and modern photos. The original functionality of Add a New District Record was not changed.



Report Switchboard

The Report Switchboard has been updated to include two additional buttons for functionality.



First, a button for View Report with Narrative/Photos by SSN has been added. This function allows the user to search for a property by SSN, view the report as well as text and photos that originally accompanied the report. Modern photos, captured during this project, are also available.

The second function, Select a District for District Reports with Photos, allows users to search for a district report by DSSN, view the report as well as text and photos that originally accompanied the report. Modern photos, captured during this project, are also available.

How to Use the NC HPO Survey Database for Lenoir County with Added Text and Photo Viewing Functionality

1.0 Introduction

URS Corporation modified the Lenoir County portion of the NC HPO Survey Database to display images of narrative text and both historic and modern photographs. Existing property narratives and photographs were scanned into PDF files. The user can access these PDF files using this database.

Historic properties in Lenoir County were resurveyed in 2010 under the Kinston Bypass Project and Archaeological Survey Update projects. During this process, modern photographs were captured. These photographs have also been stored as PDF files and are accessible through the database.

Section 0 of this document describes the functionality of the linked photos included in the Lenoir County database. This section also outlines methods used to add new photos to existing property records and add new property records and associated photos. Section 0 provides instructions for adding linked photo capability to other databases. Appendix A outlines the specific changes that were made to tables, queries, forms, reports, and modules.

2.0 Linked Photo Database Capabilities

This section describes the file structure and system requirements necessary to utilize linked photos within the database. First, instructions on accessing photos which are already linked are provided. Instructions describing how to add photos to existing historic properties are provided next. Finally, instructions describing how to add photos to new historic properties are provided.

2.1 Database Requirements

The Lenoir county database has several requirements in order to work properly:

1. The file called **MouseHook.dll** must be in the same folder as the database.
2. The file called **NIA.JPG** must be in the same folder as the PDF files.
3. All PDF files (text, historic, and modern photos) must be placed in the same folder.
4. A PDF viewer program, such as Adobe Acrobat, must be installed on the computer.

2.2 Set the Photo Path

Open the database⁶ and from the Main Switchboard, Choose **Set Photo Path**.

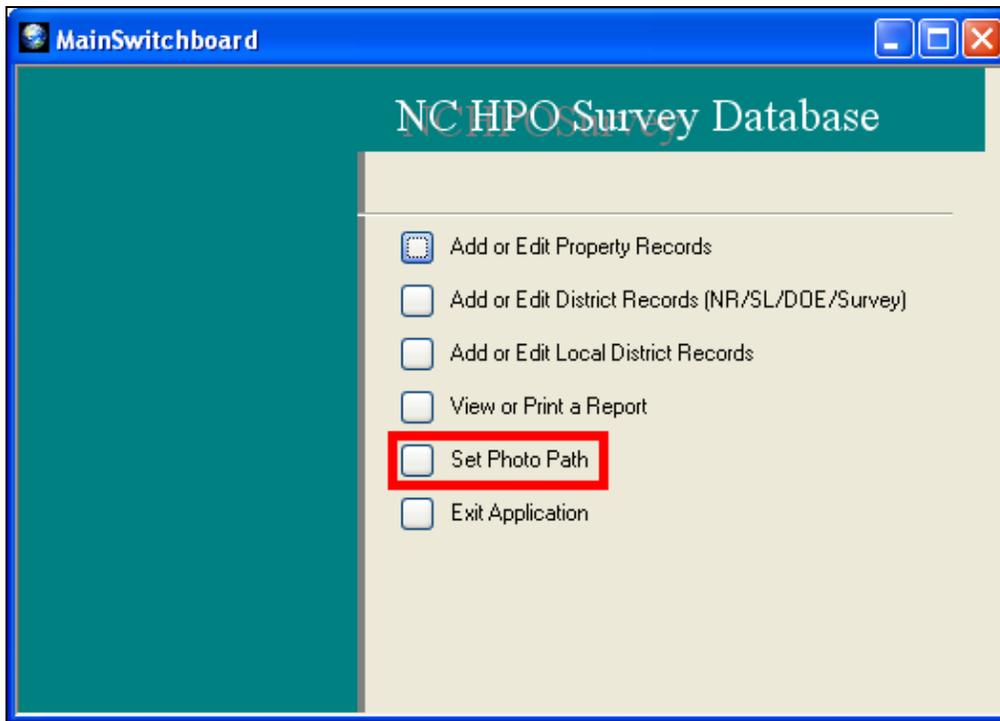


Figure 1. Choose Set Photo Path from the Main Switchboard.

You will be prompted to enter the file path to the folder containing the text and photo PDF files. Enter the path and click **Save**.

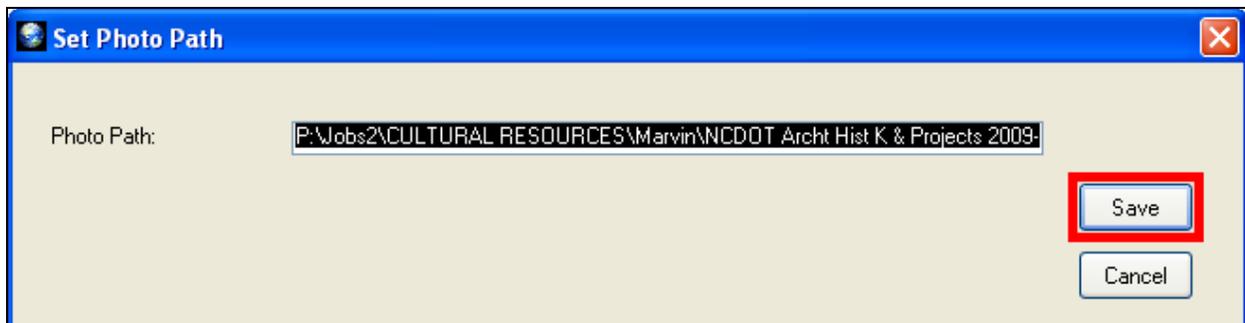


Figure 2. Enter the path and click Save.

Setting the photo path tells the database where the PDF files are located. If the PDF files are moved, or the path name changes, the photo path must be re-set prior to viewing the PDF files.

⁶ Depending on individual computer settings, you may be prompted with a Security Warning. Click **Open** to continue.

2.3 View Text and Photos by Property Report

Open the database and from the Main Switchboard, choose **View or Print a Report**. On the next switchboard, the Report Switchboard, click **View Report with Narrative/Photos by SSN**.

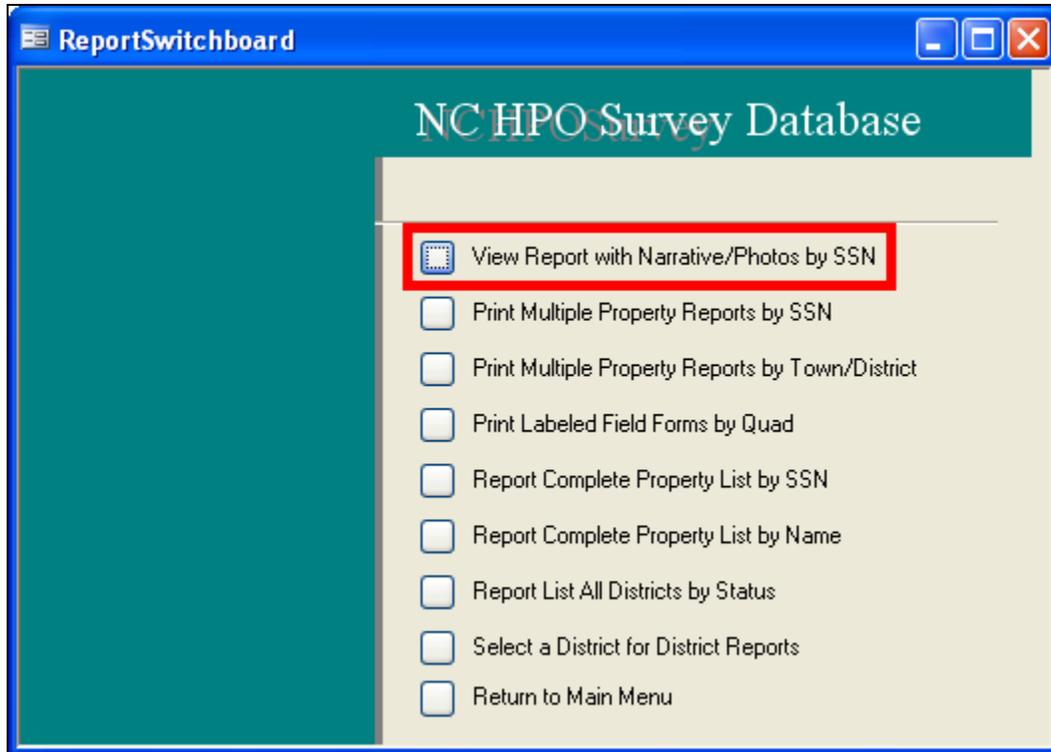


Figure 3. On the Report Switchboard, click View Report with Narrative/Photos by SSN.

You will be prompted to enter a valid SSN number. Enter an SSN number and click **OK**.

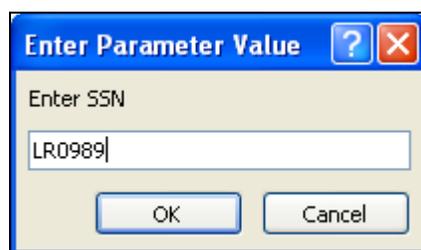


Figure 4. Enter a valid SSN number and click OK.

The Property Report will open in a new window as shown in Figure 5.

rptPropertyReport-Multiple-SSN [X]

North Carolina State Historic Preservation Office
Historic Property Survey Summary
 County: **Lenoir**
 SSN: **LR0989** Block#

Quid: Deep Exam
 PIN:
 X Y:
 DOI Project#:
 OSA#

Update Mo: Yr:
 No Alt Alt De+ Rehab
 Removed Outbidg Loss
 No Acc. Not Final File Missing
 Newly ID'd Needs Esch.

Property Name: **Davis-Fordham-Grady House**
 Street or 911 Address:
 Location Description: **N side SR 1152, 0.5 mi SE of jct w/ SR 1154**
 Town/vicinity: **Wootens Crossroads vicinity**
 District: **None 0**
 District Date: NR Date: SL Date: DOI Date:
 Local District:

Recommended for SL Study List SL Date: **10/13/1994** NR NR Date: NR #: none
 DOE DOI Date:
 DOE Type: Local Status: Ownership:

Principal Resource Material Integrity: **High** Condition: **Deteriorated** Location Integrity: **Original**

Architectural Date: Date(s): ca. 1825
 Major Style Group(s) **Federal**
 Construction: **Timber Frame**
 Ext. Material: **Weatherboard/Plank** Lath/Covering: **None**
 Height: **1 1/2 story** Roof: **Side Gable** Plan: **Hall-parlor** Core Form (Domestic): **Double File**
 Design Source and attribution: **Not specified**

Main Theme: **Architecture** 2nd Theme:
 Group Association: **Not Specified** Religious Affiliation:
 Historic Function: **Domestic - single dwelling**

Written Summary:

Outbuildings/Features

Feature Type	Material	Circle Date	Condition	Contrib
Barn	Frame	1890-191	Deteriorat	
Tobacco Barn	Frame	1890-191	Deteriorat	
Kitchen	Frame	ca. 1825	Deteriorat	

Actions

Tuesday, January 12, 2010

Page: [1] [1]

Figure 5. The Property Report will open in a new window.

If PDF files for text, historic photos, and modern photos are available, they will be visible within the database window⁷. The example in Figure 6 shows the Narrative Text PDF for LR0989.

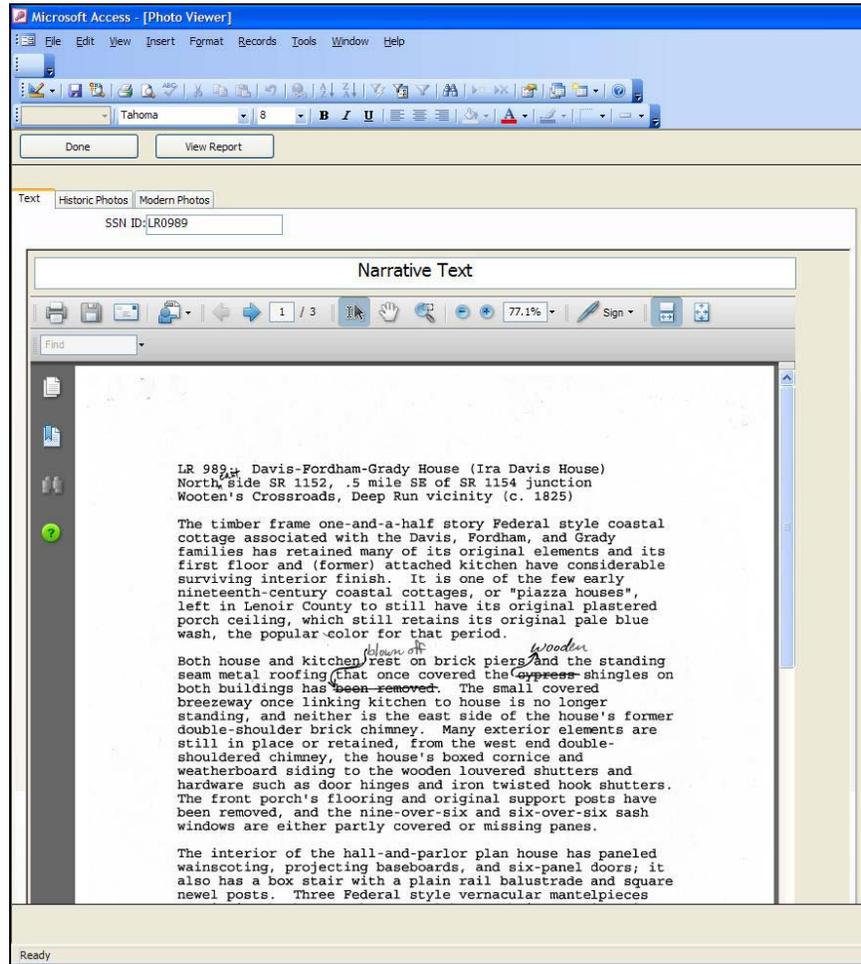


Figure 6. Narrative Text for LR0989.

Click the tabs to view **Historic Photos** and **Modern Photos**. You can use the tools on the PDF toolbar to print, save, e-mail, zoom, pan, and perform other PDF functions.

⁷ Depending on the version of PDF software, the text, historic photos, and modern photo PDF files may open in separate windows. PDF tools to print, save, e-mail, zoom, pan, etc. will still be available.

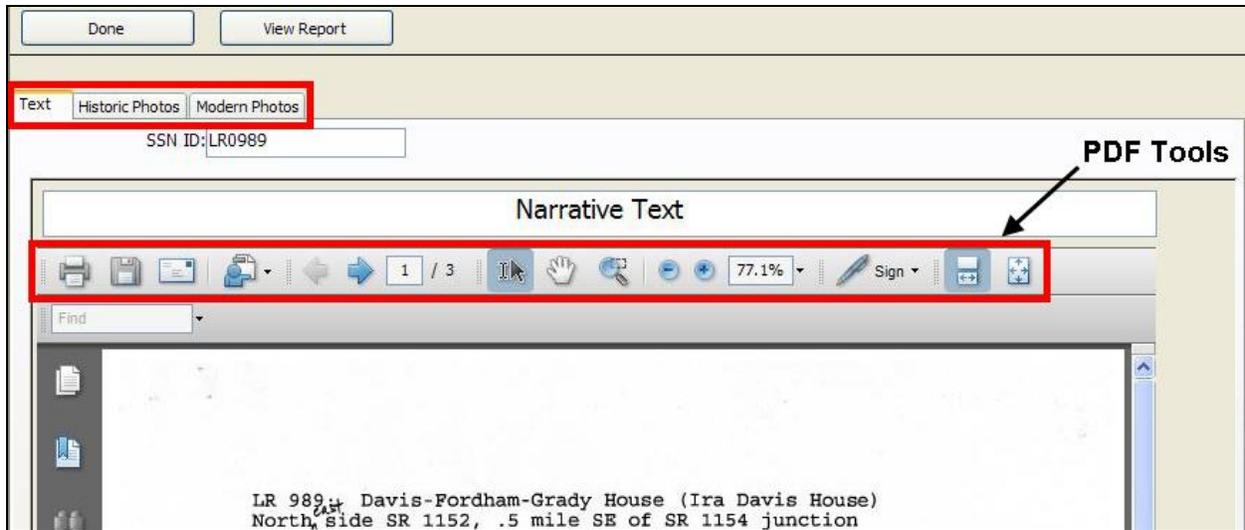


Figure 7. Click the Tabs for Historic Photos and Modern Photos to view.

When you are finished viewing the PDFs, click **Done**.

2.4 Add Text and Photos to New or Existing Property Records

1. From the Main Switchboard, click **Add or Edit Property Records**.
2. Next, click **Add a New Property Record with Photos**. If you are adding a new property record, enter that information as needed on the form, then proceed to step 4. If you are adding text and photo PDF files to an existing property record, continue to step 3.
3. On the top right-hand side of the form, enter a SSN number and click **Find** . The example shown in Figure 8 uses LR0588. The form will populate with information from the chosen SSN.

Figure 8. Enter a SSN number and click Find.

4. Scroll to the bottom of the form. There are three new data entry areas at the bottom of the form, one for Text PDF files, on for Historic Photo PDF files, and one for Modern Photo PDF files. Provide a **Title** for the Text PDF and click **Open**.

Figure 9. Provide a title and click Open.

5. Navigate to the location that contains the file, click it and then click **Open**. The PDF is now associated with the property record in the database.

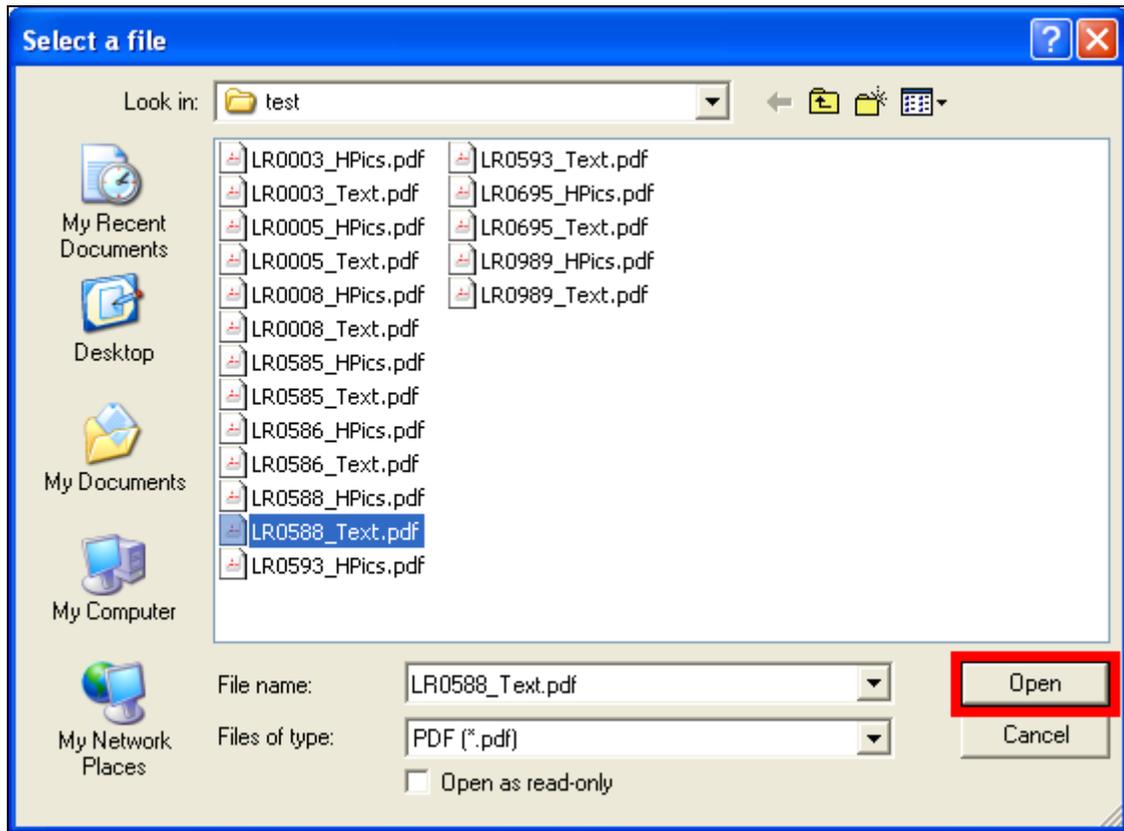


Figure 10. Choose the desired file and click Open.

6. Repeat this process to add Historic Photo and Modern Photo PDF files. Be sure to save the record before moving on. The PDF files are now available for viewing under View Report with Narrative/Photos by SSN on the Report Switchboard.

3.0 Adding Linked Photos Capability to other Databases

Modifications to tables, queries, forms, reports, and modules were performed to incorporate text and photo PDFs into the functionality of the database. These modifications can be applied to other databases by simply copying and pasting certain tables, queries, forms, reports, and modules from the supplied database to the target database.

Open the supplied database and the target database. View the Tables which are included with the supplied database. Right-click on a table, such as Switchboard Items, and choose **Copy**.

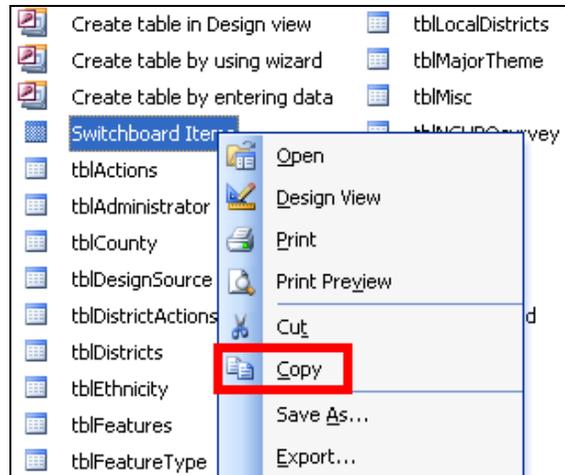


Figure 11. In the supplied database, right-click a table and choose Copy.

Next, navigate to the target database and view the Tables object. Right-click and choose Paste.

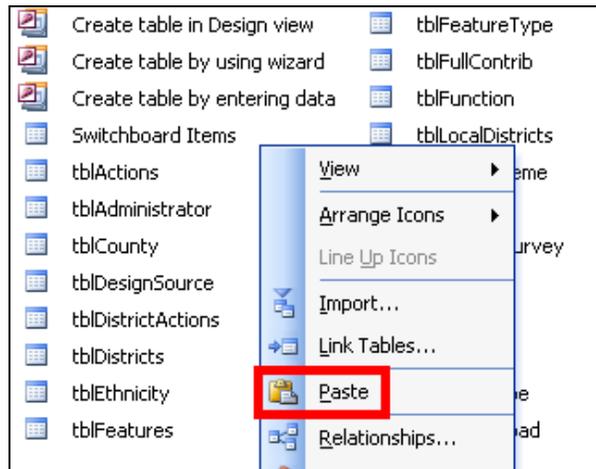


Figure 12. In the target database, right-click and choose Paste

You will be prompted to supply a name for the table. Enter the name of the table as it appeared in the supplied database and click **OK**.

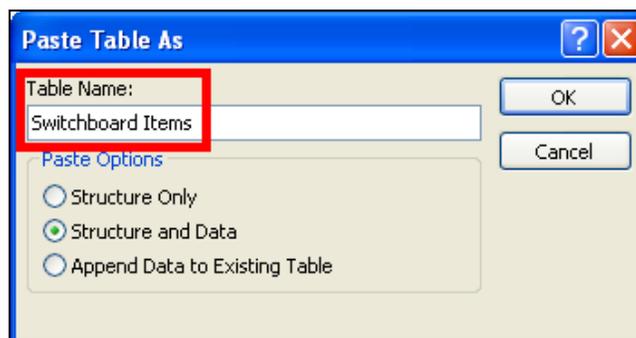


Figure 13. Enter a name and click OK.

Repeat this process for all tables, queries, forms, reports, and modules shown in the images below.

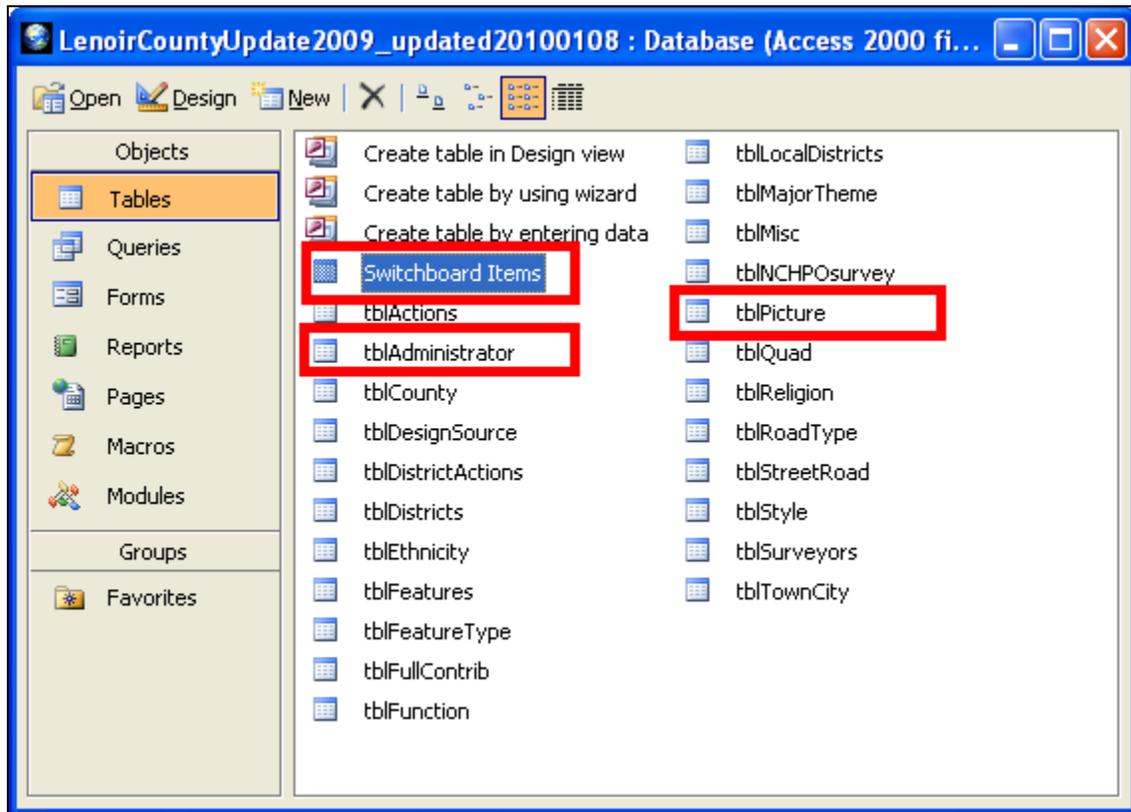


Figure 14. Copy these Tables from the supplied database to the target database.

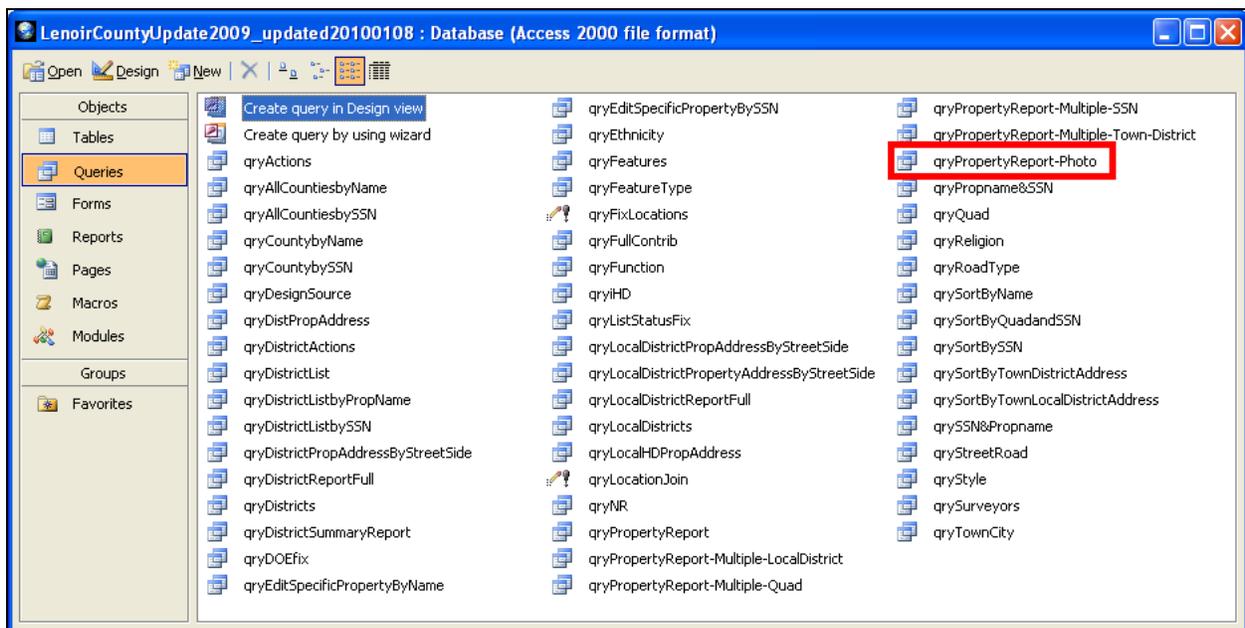


Figure 15. Copy these Queries from the supplied database to the target database.

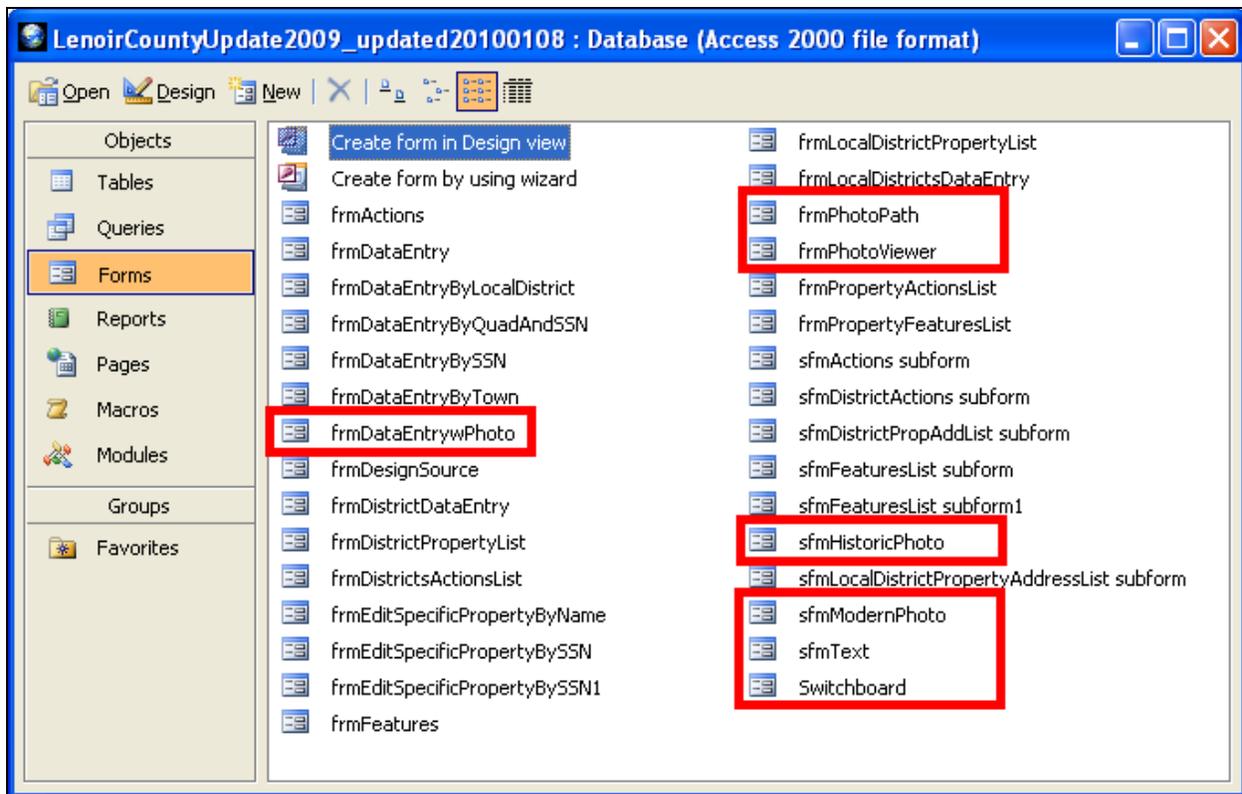


Figure 16. Copy these Forms from the supplied database to the target database.

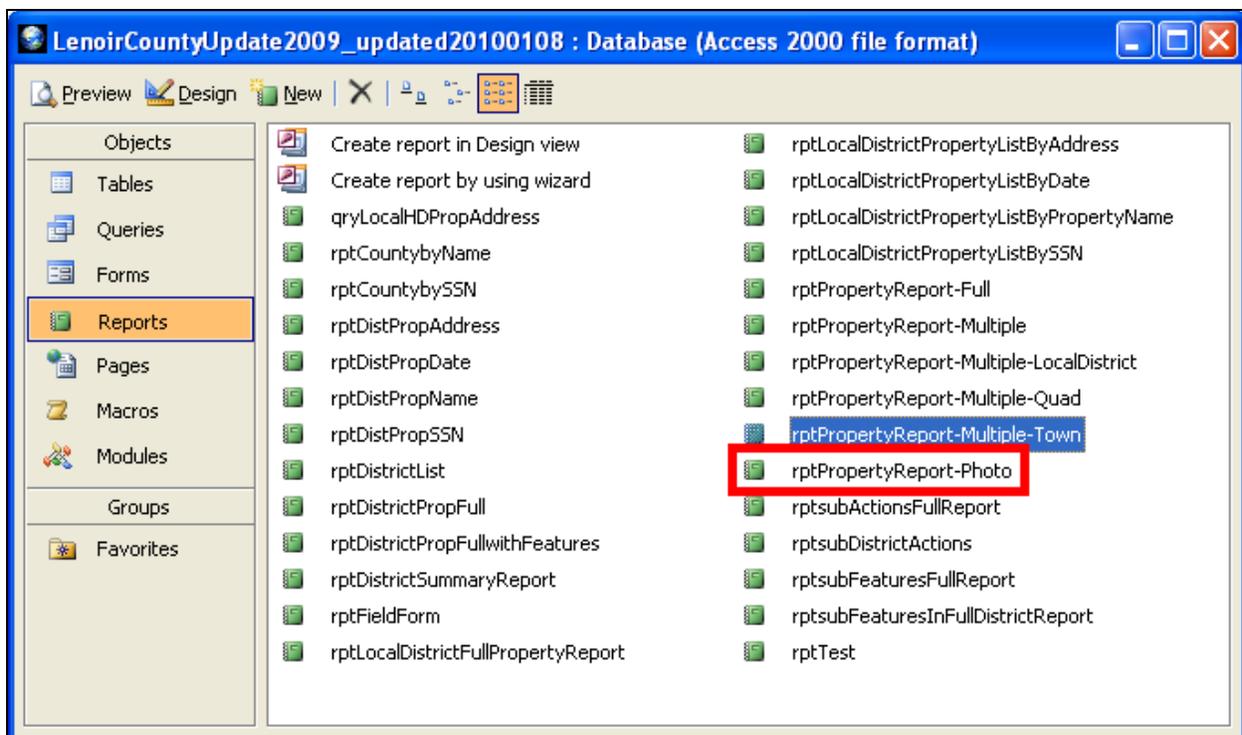


Figure 17. Copy these Reports from the supplied database to the target database.

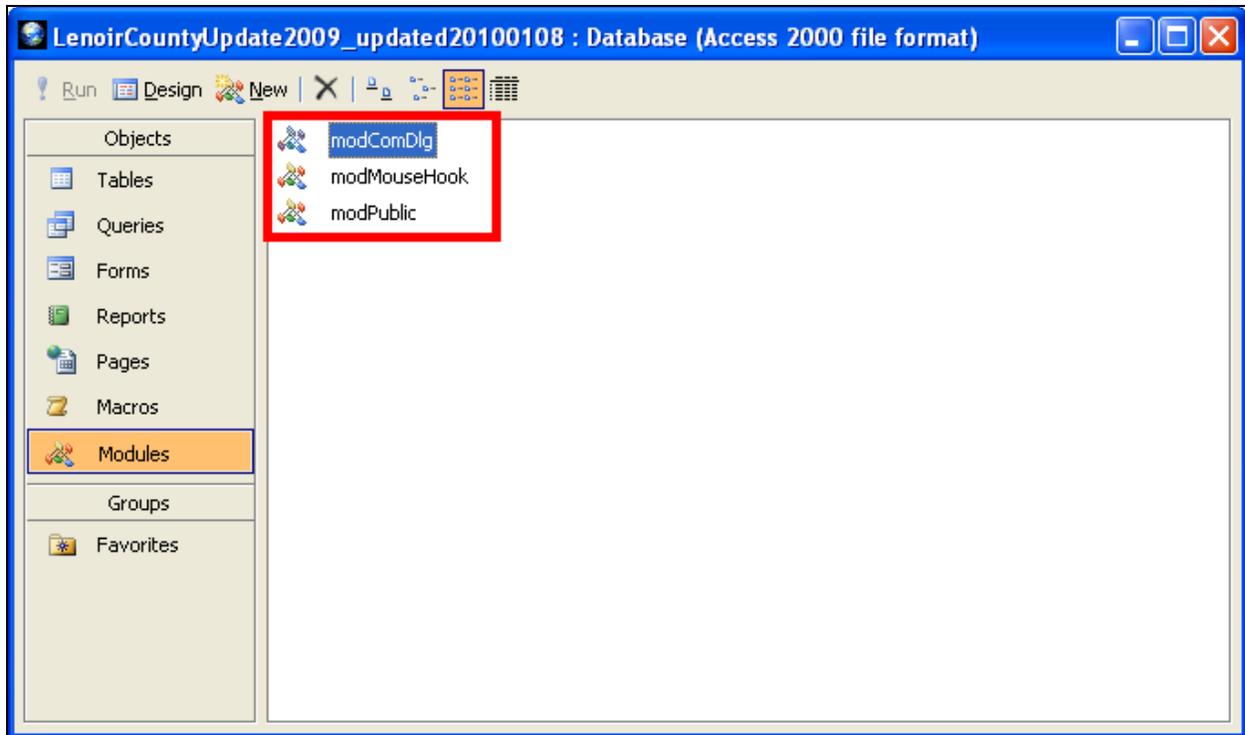


Figure 18. Copy these Modules from the supplied database to the target database.

4.0 Summary

Once you have finished viewing, adding, or editing records and PDF files, save your progress. Then, close any open data entry forms, reports, or PDF files you may have open. On the switchboard, click **Return to Main Menu**. Then, click **Exit Application** from the Main Switchboard and the database will close.

The Lenoir County portion of the NC HPO Survey Database has been updated to display images of narrative text and both historic and modern photographs. Narrative text and historic photos were scanned into PDF files and can be linked to the database using instructions provided in this document. Modern photos for properties included in the first portion of the 2010 Kinston Bypass Project and Archaeological Survey Update project were also scanned into PDF files. Future survey efforts in Lenoir County will benefit from having such valuable information stored in a format that is easy to access, use, and print. The procedures described in this document should be used to maintain new property records as they are encountered during future survey efforts.

Database Modifications

Tables:

- Added Table [tblAdministrator] to track the Photo Path
 - [Classify1] field designates the record a photo path, while [Value1] field contains the actual path of the photo
- Modified Table Switchboard Items to add additional functionality
 - Added 3 new records for each of the new buttons
 - Modified existing records to ensure correct order
- Added Table [tblPicture] to store file names for images
 - [SSN] field contains unique SSN number, [TextTitle] field contains title for text photos, [HistoricTitle] field contains title for historic photos, [ModernTitle] field contains title for modern photos, [TextFile] field contains file name for text photos, [HistoricFile] field contains file name for historic photos, [ModernFile] field contains file name for modern photos

Forms:

- Added Form [frmPhotoPath] allowing user to enter the storage location of the photos
 - Stores results in [tblAdministrator]
 - Must be run to allow photos to be loaded or viewed
- Modified Form [Switchboard] adding new buttons and code as needed
 - Added [Set Photo Path] button on MainSwitchboard
 - Added [View Record By SSN] button on ReportSwitchboard
 - Added combo box which activates when ReportSwitchboard is active
 - Added [Add a New Property Record with Photos] button to AddEditPropertySwitchboard
 - Modified code to allow button events to function property
- Added Form [frmDataEntrywPhoto] allowing a user to upload photos for each SSN.
 - Modified [frmDataEntry] with additional functionality

- After entering a title and navigating to the appropriate file, access with prompt the user to verify upload. Once the upload is completed the record will be updated, there is no need to save after each upload
- Allows user to upload a pdf or image file for each of the photo types
- Stores all information in [tblPicture]
- If an SSN is not already in [tblPicture] the form will create one and allow photos to be uploaded
- Added a find button which will return the record for the corresponding SSN number
- Code was modified to be consistent with changes.
- Added Form [sfmText] to display text photos
 - Is a subform to frmPhotoViewer, displays text photos
 - Added Form [sfmHistoricPhoto] to display historic photos
 - Is a subform to frmPhotoViewer, displays historic photos
 - Added Form [sfmModernPhoto] to display modern photos
 - Is a subform to frmPhotoViewer, displays modern photos
 - Added Form [frmPhotoViewer] allowing the user to view all three types of photos
 - Parent form to three child forms
 - Utilizes the value passed in the Switchboard form to display results for user selected SSN number

Reports:

- Added Report [rptPropertyReport –Photos] Allowing the user to display a single SSN record with corresponding photos.

Modules:

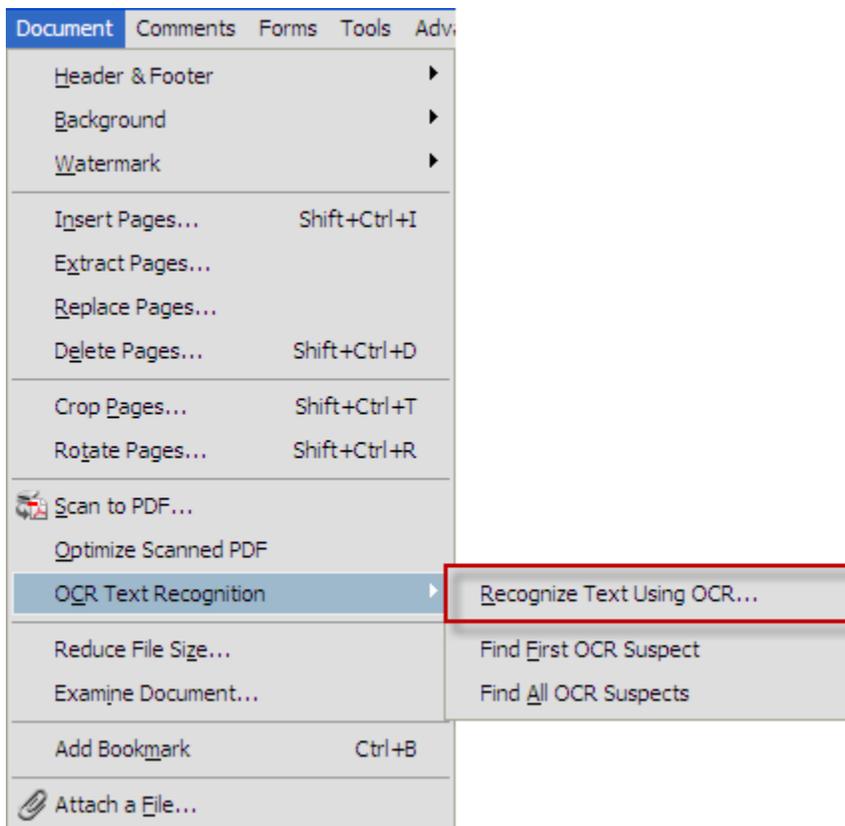
- Added Module [modComDlg] which administers the open file dialog
- Added Module [modMouseHook] which controls the mouse wheel
- Added Module [modPublic] which sets a global variable for the photo path

APPENDIX C

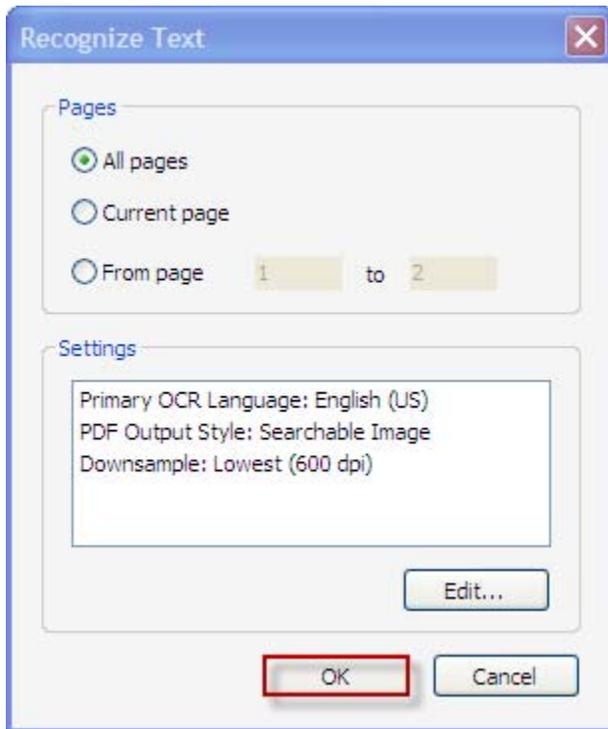
INSERTING TEXT FROM HISTORIC FILES

The following instructions will assist in allowing a user to copy and paste text from a .pdf file to insert into the Historic database.

1. Scan the historic text reference into PDF format.
2. Open the historic PDF file with Adobe Acrobat.
3. Select the “OCR Text Recognition” from the Document drop-down menu along the top toolbar.
4. A second drop-down menu will appear to the right of the OCR Text Recognition; select “Recognize Text Using OCR”.



5. A menu will appear prompting selection of “All pages”, “Current page”, or “From page”.
6. Ensure the circle next to “All pages” is selected and press “OK”.



7. The text recognition function will allow the user to now select any text, copy, and paste into another program/database*, similar to using Microsoft Word.

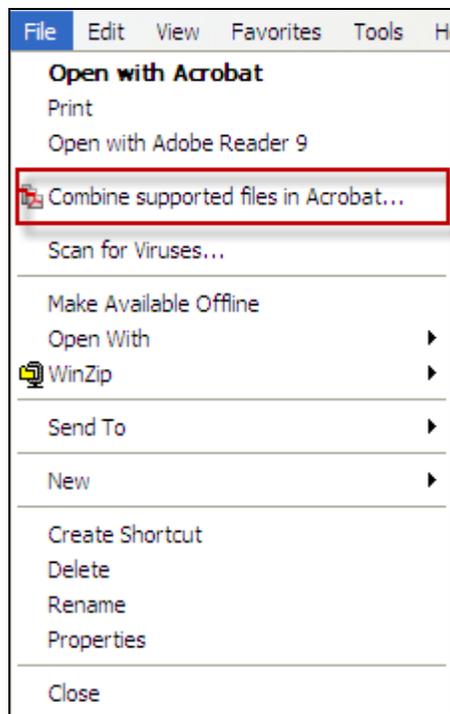
* Sometimes the formatting of the text (spelling, spacing, and margins) will be affected by the process and further refinement/editing will be required to ensure accuracy.

Creating Historic and Modern Picture Files

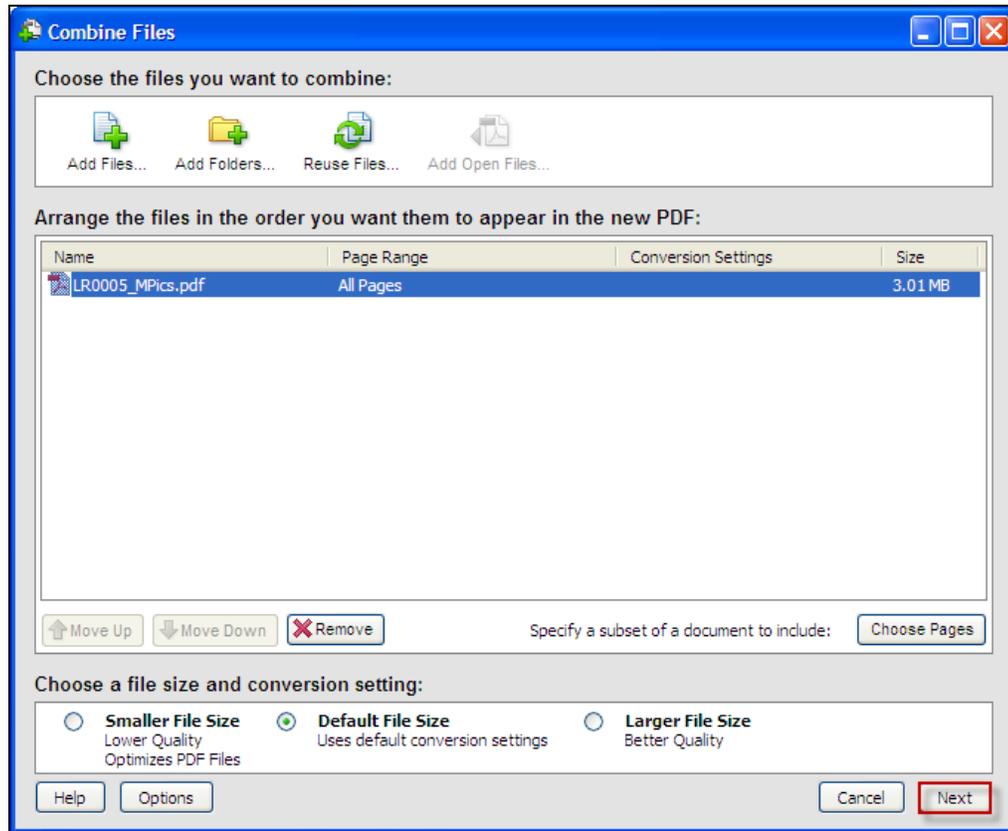
The following instructions will assist in allowing a user to create Historic and Modern Picture files, condense them into a single .pdf file, label, and finally to insert into the Historic database.

Historic Photos

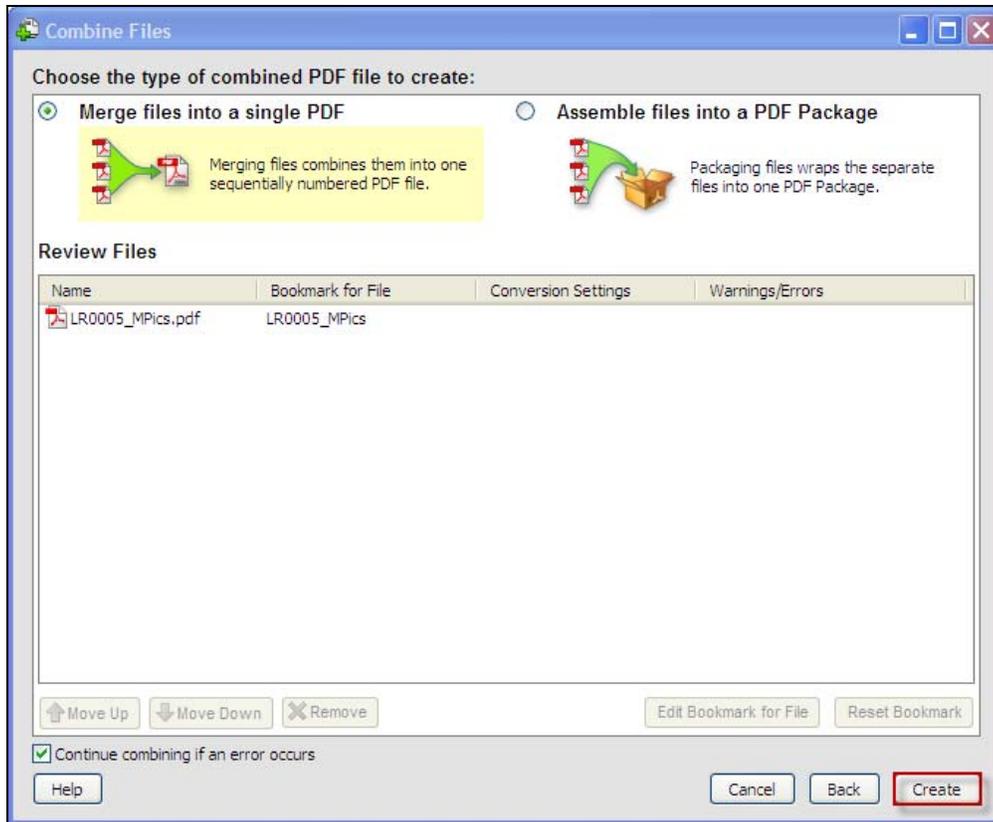
1. Scan and save any historic photos to a PDF format into a single folder with the label of which historic property (ie. LR0001_HPics).
2. Ensure you are running Adobe Acrobat on your computer, if not, a trial version can be downloaded from www.adobe.com
3. Using Adobe Acrobat, combine all files into a single .pdf file.
 1. Select all individual files.
 2. Select the “File” drop-down menu.
 3. Select “Combine supported files in Acrobat....”



- 4 A new menu will appear, allowing you to arrange the order of your files, by using the “Move up”, “Move down” buttons, or “Remove” if you accidentally selected the wrong file.
- 5 Once you are satisfied with the arrangement, select “Next” from the lower right hand screen.



- a. The next menu will allow you to “merge files into a single PDF”, or “Assemble files into a PDF Package”.
- b. Ensure “Merge files into a single PDF” is selected and click “Create” in the lower right hand corner.



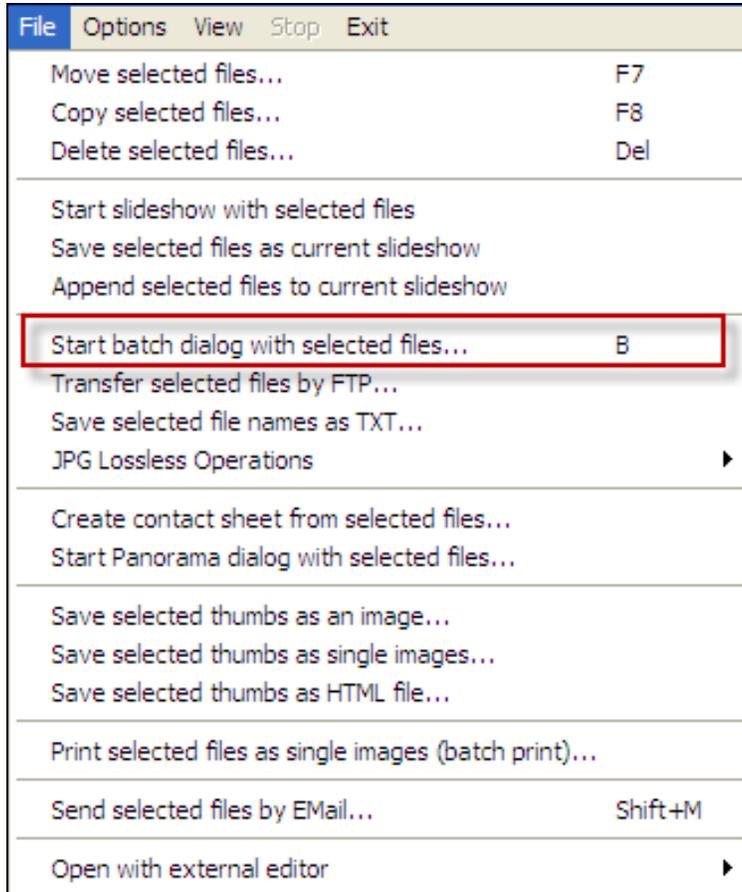
- c. The files will then be combined and an option to “Save” will appear in the lower right hand corner.
 - d. Select “Save”, name the file in the same file folder as above.
- 6 With the database open, select “Upload Historic Pictures” and select the previously named file to attach.

Modern Photos

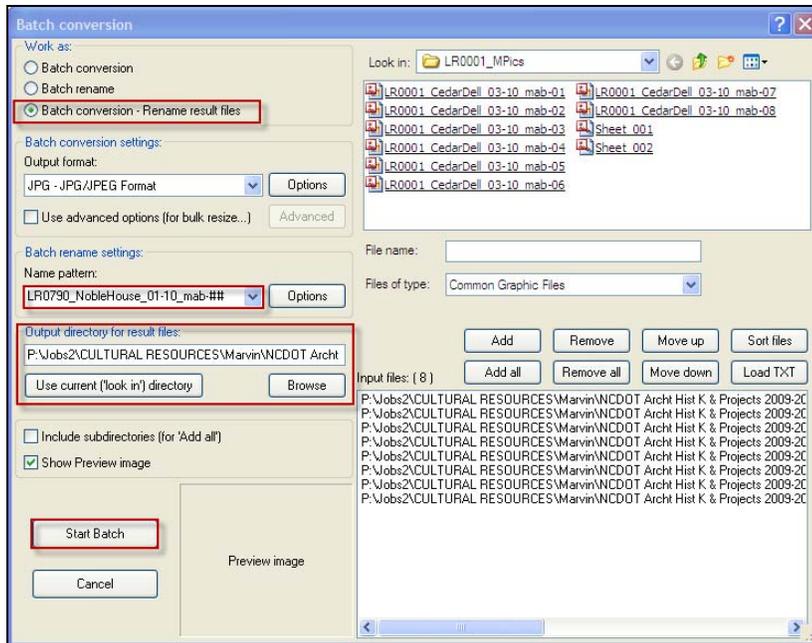
Modern photos follow the same directions as the historic photos in regards to combining into a PDF with a few exceptions.

1. When scanning and saving these files, save them as (LR0001_MPics) to help distinguish between the modern and historic photos.
2. There are more modern photos than historic photos and as such, need a way to be properly named, as well as grouped together.
3. IrfanView is a program designed to both rename files and combine them.

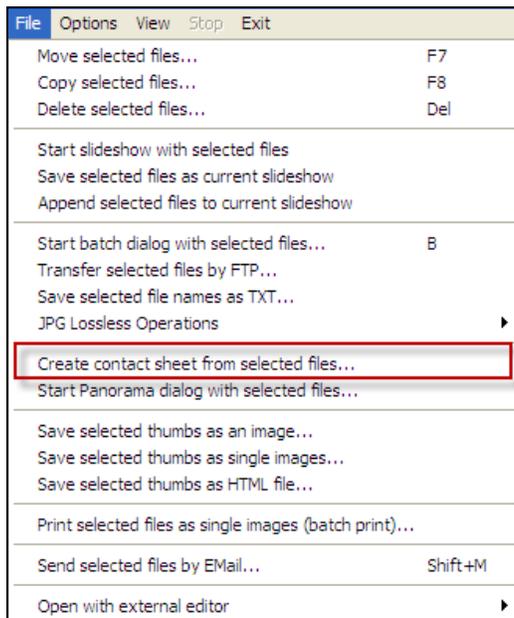
- a. Ensure you have IrfanView on your computer, if not, it can be downloaded from www.irfanview.com
- b. Once IrfanView is downloaded and installed, open “IrfanView Thumbnails” and select the modern photos file folder from the left hand side menu. This will open all the photos.
- c. Using “Ctrl-A” or choosing “Select All” from the “Options” menu, select all modern photos in the file folder.
- d. Next, from the “File” menu, select “Start Batch Dialog with selected files”.



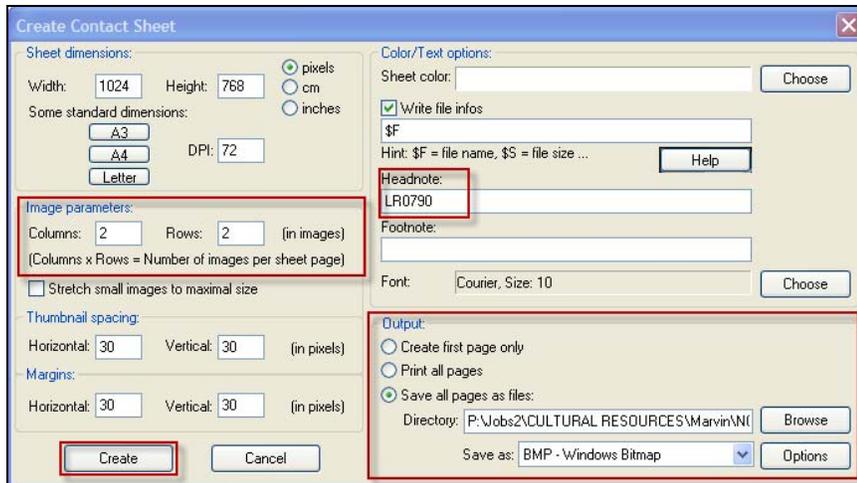
- e. A new window will appear; ensure that “Batch conversion – Rename result files” is selected, the naming convention of “LRXXXX_Name_Date_Photographer_##” is properly inputted, and that the output directory is the same file folder as initially saved to (see above).



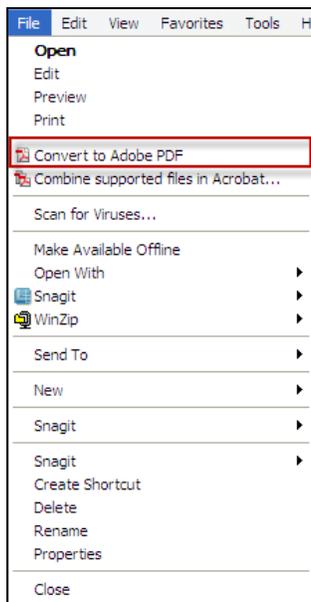
- f. When finished, select “Start Batch”, the resulting files should be renamed with the convention inputted.
- g. Once the files have been renamed, they can be combined to group the photos.
- h. Using “Ctrl-A” or choosing “Select All” from the “Options” menu, select all the renamed modern photos in the file folder.
- i. Next, from the “File” menu, select “Create contact sheet from selected files”.



- j. A new menu will appear allowing you to choose options in creating the contact sheets.



- k. Ensure that under “Image Parameters”, 2 columns and 2 rows are selected, the “Headnote” indicates which historic property it is, and finally, that the Output “Saves all pages as files:” into the correct directory.
- l. Select “Create” and IrfanView will create and save Microsoft Bitmap images.
- m. Once the files are in BMP format, select the group, and then click “File”, “Convert to Adobe PDF”. The BMP files will be converted to PDF files.



- n. Once the PDF files have been converted, save within the same file folder and combine into one document (as detailed above).

Once complete, with the database open, select “Upload Modern Pictures” and select the previously named file to attach.