Appendix A

Figures

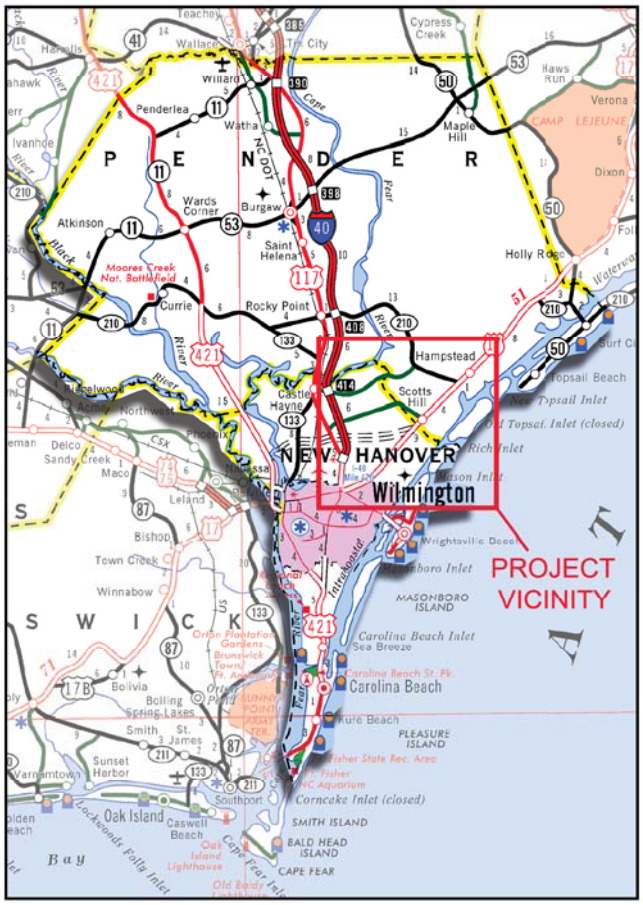
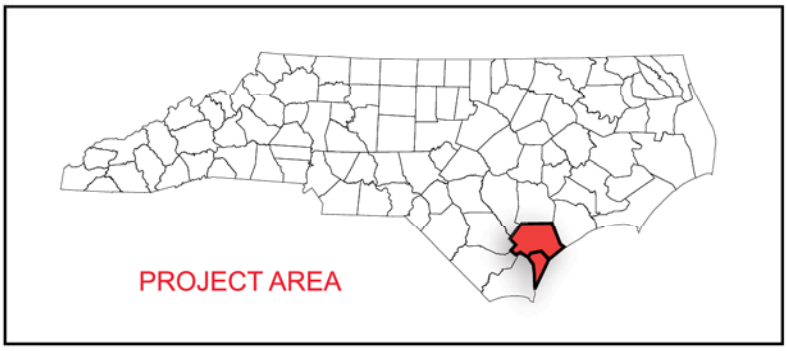


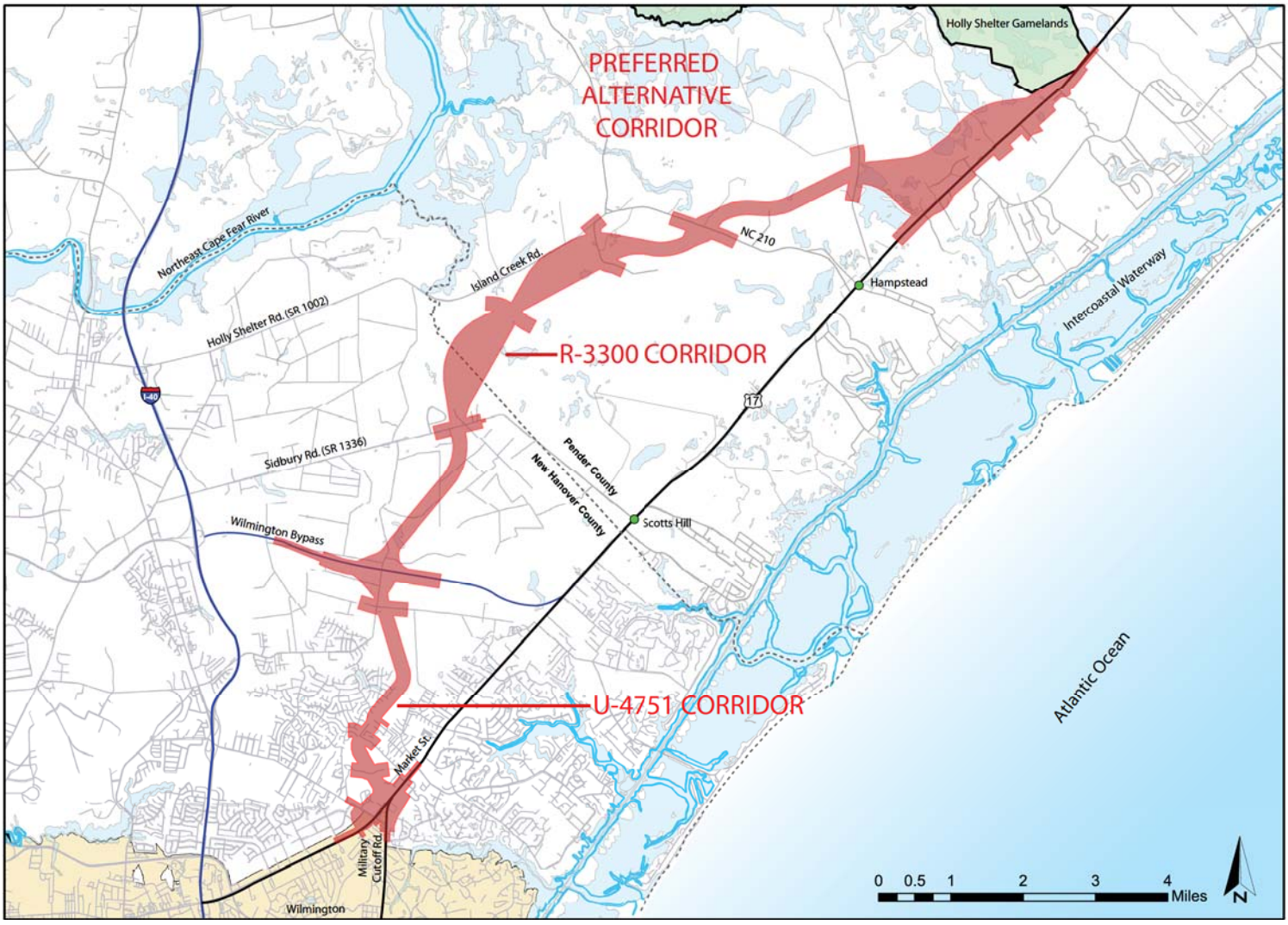
Figure 1

PROJECT VICINITY

US 17 Corridor Study
NCDOT TIP Nos. U-4751 and R-3300
New Hanover and Pender Counties

North Carolina
Department of Transportation





Legend

- Alternative E-H
- Alternative M1
- Map Grids
- Project Study Corridor
- County Boundary
- Wetland
- Pond
- Stream
- CFPUA Wells
- Holly Shelter Gamelands
- HQW / ORW Watershed
- Significant Natural Heritage Area & Managed Area
- Floodplains
- Historic Site
- Well Head Protection Area
- Potential Service Roads
- Hazmat/UST
- Permitted Mine/Quarry
- Hydraulic Site
- Interchange Locations
- RCW Habitat (Includes Potentially Suitable and Suitable Habitat)
- RCW Partitions
- River Basin

Prepared by: MULKEY

Prepared for:

Preferred Alternative - Environmental Features

US 17 Corridor Study
NCDOT TIP Project Number R-3300
Pender & New Hanover Counties, NC

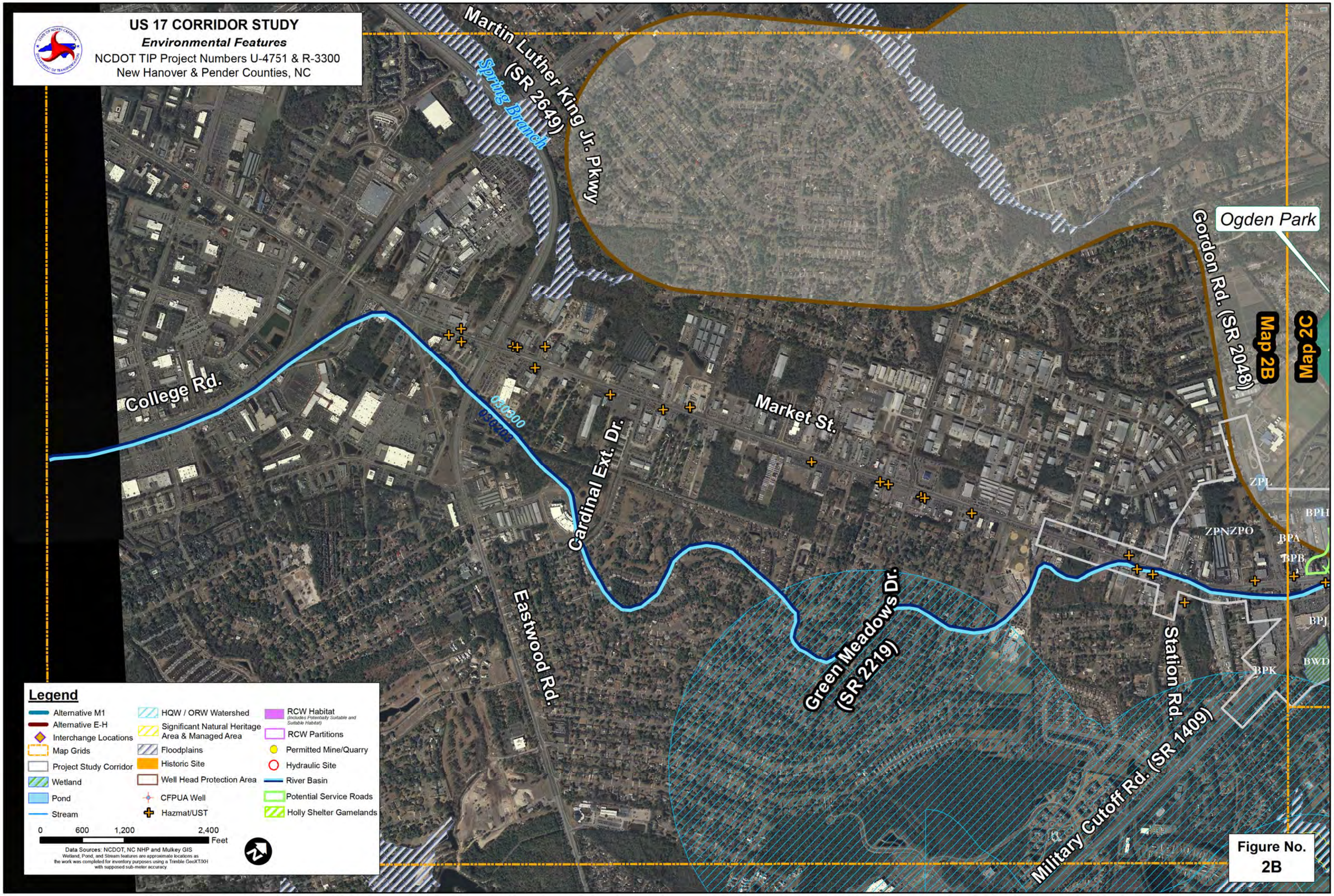
0 3,500 7,000 14,000 Feet

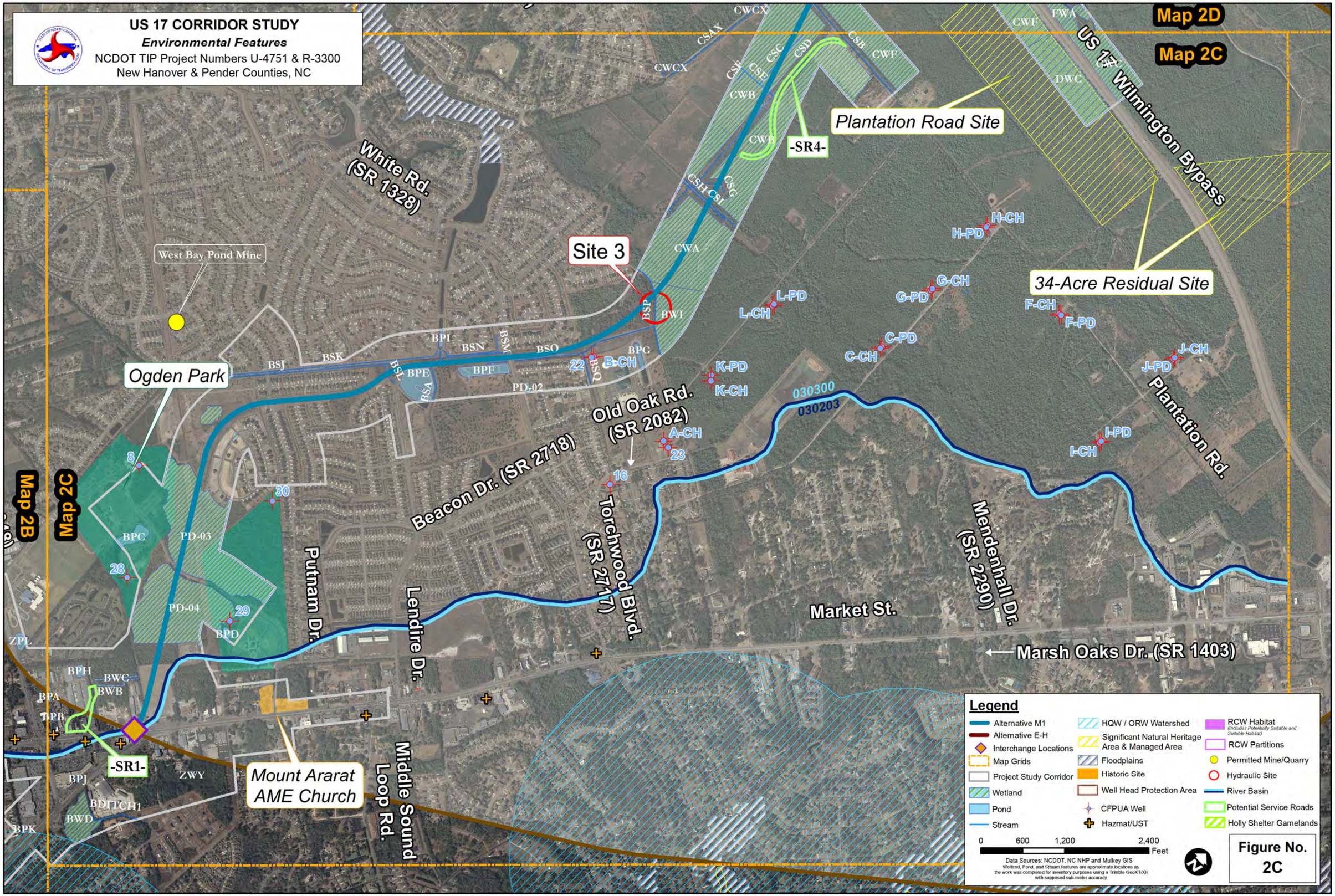
Data Sources: NCDOT, NC NHP and Mulkey GIS
Wetland, Pond, and Stream features are approximate locations as the work was completed for inventory purposes using a Trimble GeoXT/XH with supposed sub-meter accuracy.

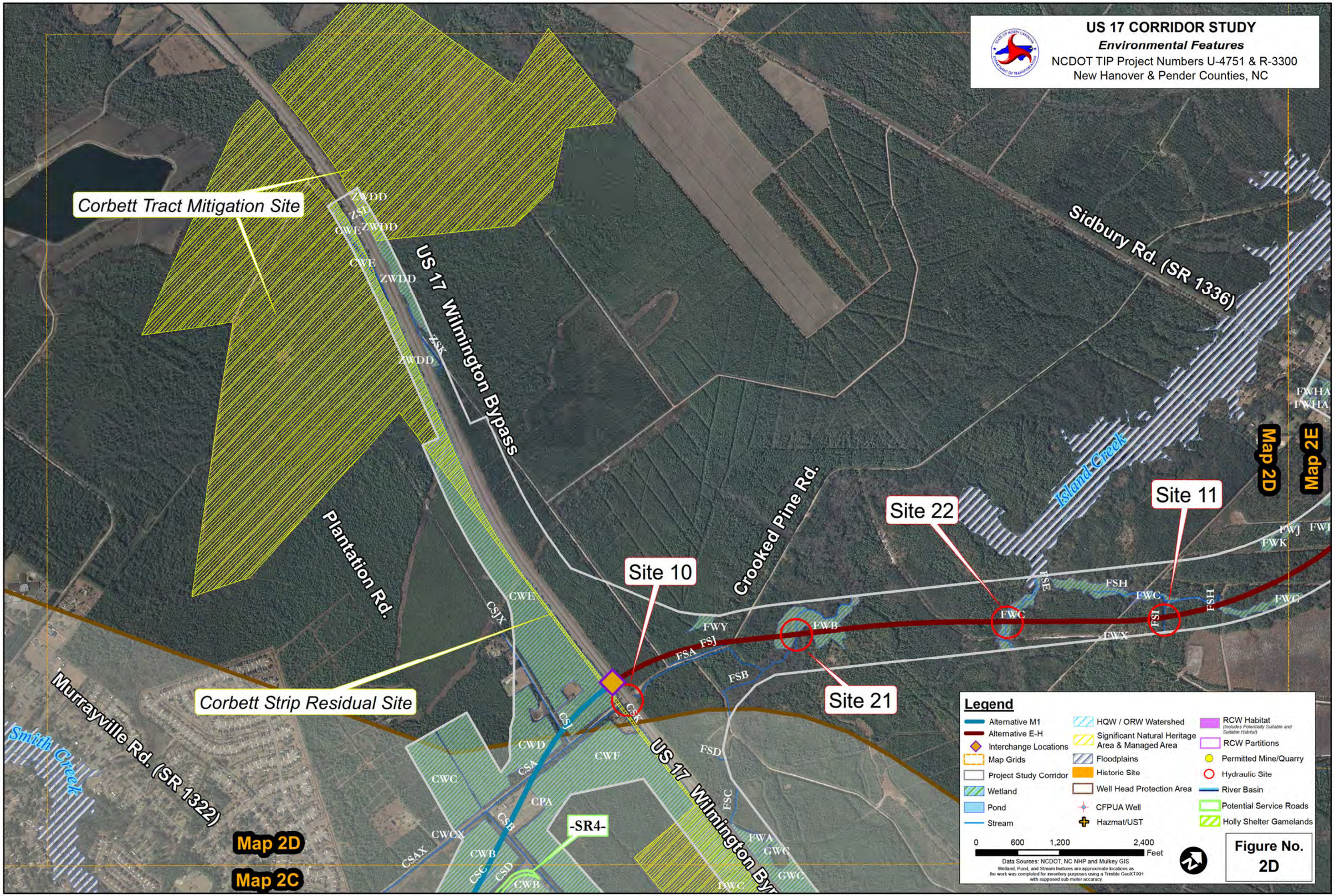
Figure Prepared: 7/1/2013
Aerial Imagery: 5/2012

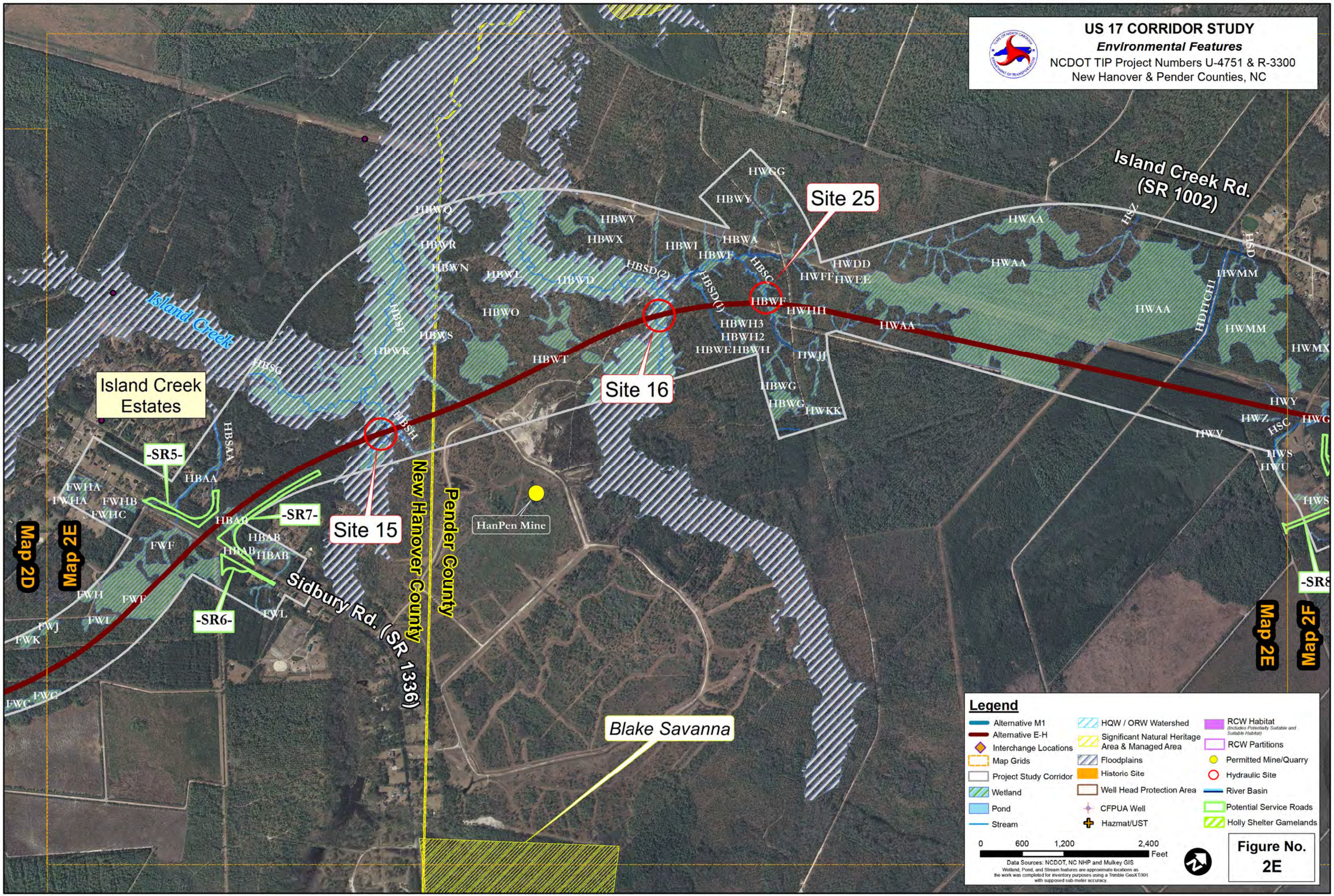
Figure No.

2A


US 17 CORRIDOR STUDY
Environmental Features
NCDOT TIP Project Numbers U-4751 & R-3300
New Hanover & Pender Counties, NC
Martin Luther King Jr. Pkwy (SR 2649)
Spring Branch
Ogden Park
Gordon Rd. (SR 2048)
Map 2B
Map 2C
College Rd.
030300
030403
Cardinal Ext. Dr.
Market St.
ZPL
BPH
ZPNZPO
BPA
BPB
BPJ
BPK
BWD
Eastwood Rd.
Green Meadows Dr. (SR 2219)
Station Rd.
Military Cutoff Rd. (SR 1409)
Legend
Alternative M1
Alternative E-H
Interchange Locations
Map Grids
Project Study Corridor
Wetland
Pond
Stream
HQW / ORW Watershed
Significant Natural Heritage Area & Managed Area
Floodplains
Historic Site
Well Head Protection Area
CFPUA Well
Hazmat/UST
RCW Habitat (Includes Potentially Suitable and Suitable Habitat)
RCW Partitions
Permitted Mine/Quarry
Hydraulic Site
River Basin
Potential Service Roads
Holly Shelter Gamelands
0 600 1,200 2,400 Feet
Data Sources: NCDOT, NC NHP and Mulkey GIS
Wetland, Pond, and Stream features are approximate locations as the work was completed for inventory purposes using a Trimble GeoXT/XH with supposed sub-meter accuracy
Figure No. 2B


US 17 CORRIDOR STUDY
Environmental Features
NCDOT TIP Project Numbers U-4751 & R-3300
New Hanover & Pender Counties, NC
Map 2D
Map 2C
Map 2B
Map 2C
Plantation Road Site
-SR4-
34-Acre Residual Site
Site 3
-SR1-
Mount Ararat AME Church
Ogden Park
West Bay Pond Mine
White Rd. (SR 1328)
Old Oak Rd. (SR 2082)
Beacon Dr. (SR 2718)
Torchwood Blvd. (SR 2717)
Putnam Dr.
Lendire Dr.
Middle Sound Loop Rd.
Market St.
Mendenhall Dr. (SR 2290)
Marsh Oaks Dr. (SR 1403)
Plantation Rd.
US 17 Wilmington Bypass
030300
030203
Legend
Alternative M1
Alternative E-H
Interchange Locations
Map Grids
Project Study Corridor
Wetland
Pond
Stream
HQW / ORW Watershed
Significant Natural Heritage Area & Managed Area
Floodplains
Historic Site
Well Head Protection Area
CFPUA Well
Hazmat/UST
RCW Habitat (Includes Potentially Suitable and Suitable Habitat)
RCW Partitions
Permitted Mine/Quarry
Hydraulic Site
River Basin
Potential Service Roads
Holly Shelter Gamelands
0 600 1,200 2,400 Feet
Data Sources: NCDOT, NC NHP and Mulkey GIS
Wetland, Pond, and Stream features are approximate locations as the work was completed for inventory purposes using a Trimble GeoXT/XH with supposed sub-meter accuracy
Figure No. 2C


US 17 CORRIDOR STUDY
Environmental Features
NCDOT TIP Project Numbers U-4751 & R-3300
New Hanover & Pender Counties, NC
Corbett Tract Mitigation Site
Corbett Strip Residual Site
US 17 Wilmington Bypass
Sidbury Rd. (SR 1336)
Plantation Rd.
Crooked Pine Rd.
Murrayville Rd. (SR 1322)
Island Creek
Smith Creek
Site 10
Site 11
Site 21
Site 22
-SR4-
Map 2D
Map 2C
Map 2E
Legend
Alternative M1
Alternative E-H
Interchange Locations
Map Grids
Project Study Corridor
Wetland
Pond
Stream
HQW / ORW Watershed
Significant Natural Heritage Area & Managed Area
Floodplains
Historic Site
Well Head Protection Area
CFPUA Well
Hazmat/UST
RCW Habitat (Includes Potentially Suitable and Suitable Habitat)
RCW Partitions
Permitted Mine/Quarry
Hydraulic Site
River Basin
Potential Service Roads
Holly Shelter Gamelands
0 600 1,200 2,400 Feet
Data Sources: NCDOT, NC NHP and Mulkey GIS
Wetland, Pond, and Stream features are approximate locations as the work was completed for inventory purposes using a Trimble GeoXT/XH with supposed sub-meter accuracy.
Figure No. 2D



Legend

- Alternative M1
- Alternative E-H
- Interchange Locations
- Map Grids
- Project Study Corridor
- Wetland
- Pond
- Stream
- HQW / ORW Watershed
- Significant Natural Heritage Area & Managed Area
- Floodplains
- Historic Site
- Well Head Protection Area
- CFPUA Well
- Hazmat/UST
- RCW Habitat (Includes Potentially Suitable and Suitable Habitat)
- RCW Partitions
- Permitted Mine/Quarry
- Hydraulic Site
- River Basin
- Potential Service Roads
- Holly Shelter Gamelands

0 600 1,200 2,400 Feet

Data Sources: NCDOT, NC NHP and Mulkey GIS
Wetland, Pond, and Stream features are approximate locations as the work was completed for inventory purposes using a Trimble GeoXT/XH with supposed sub-meter accuracy.

Figure No. 2E

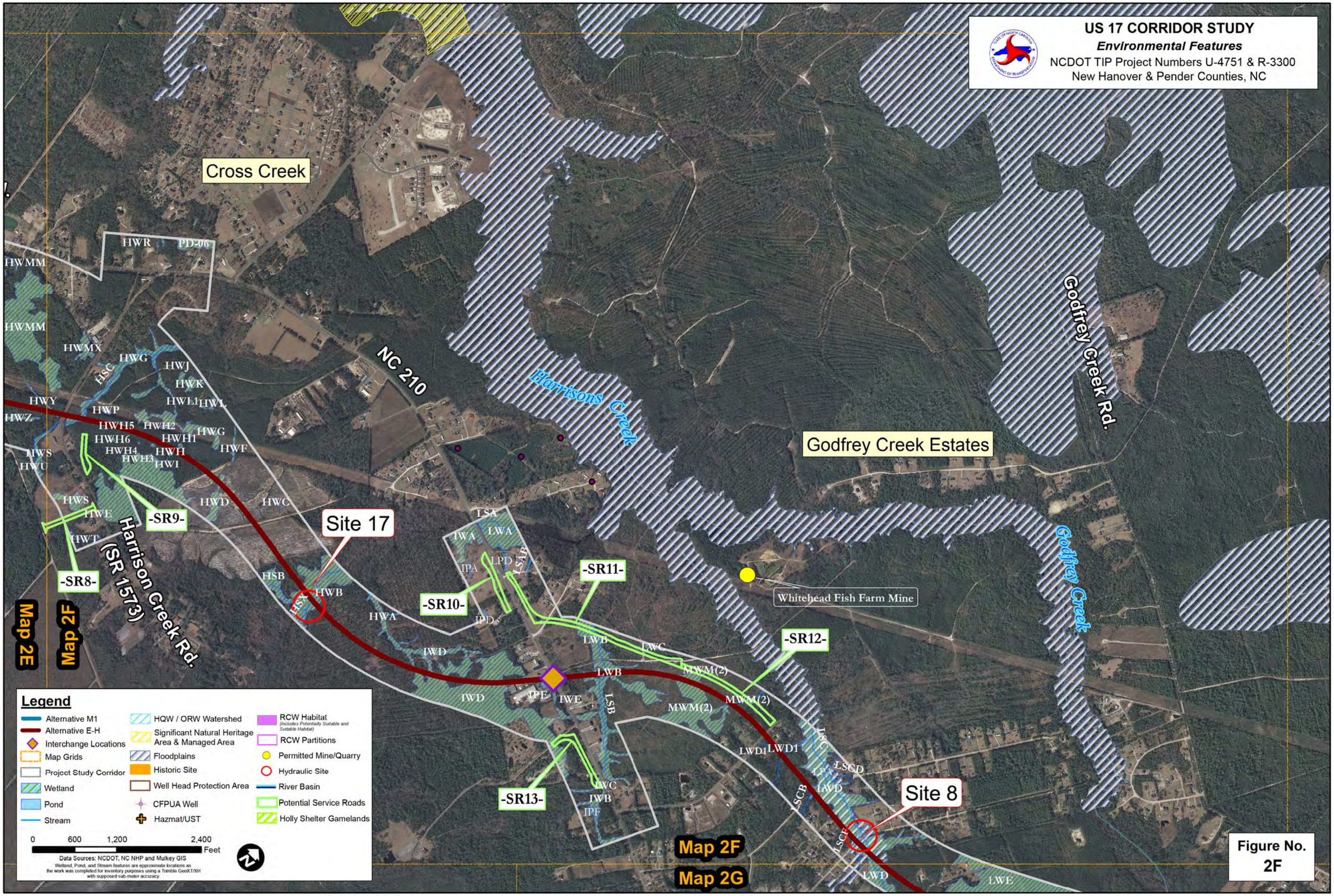
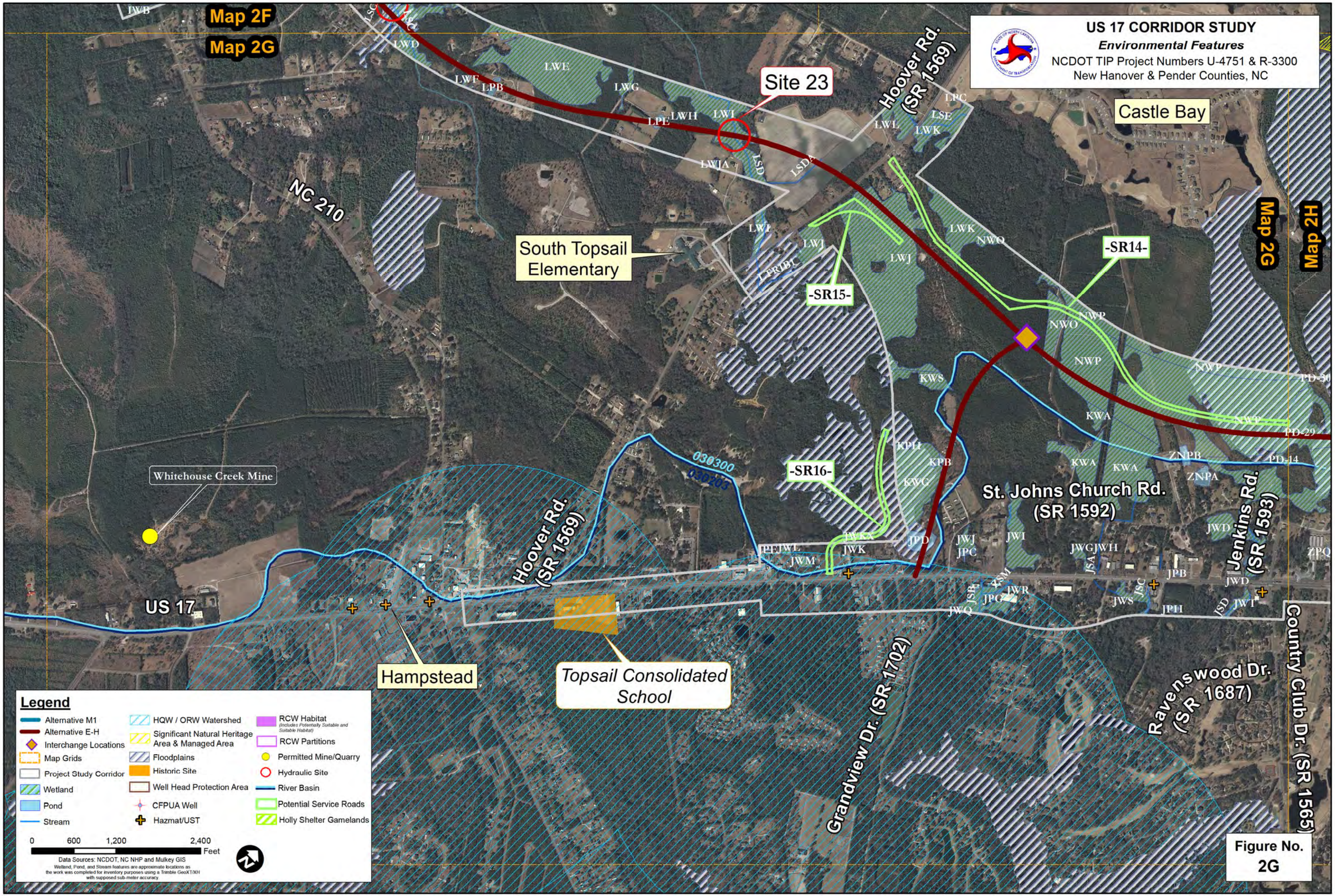
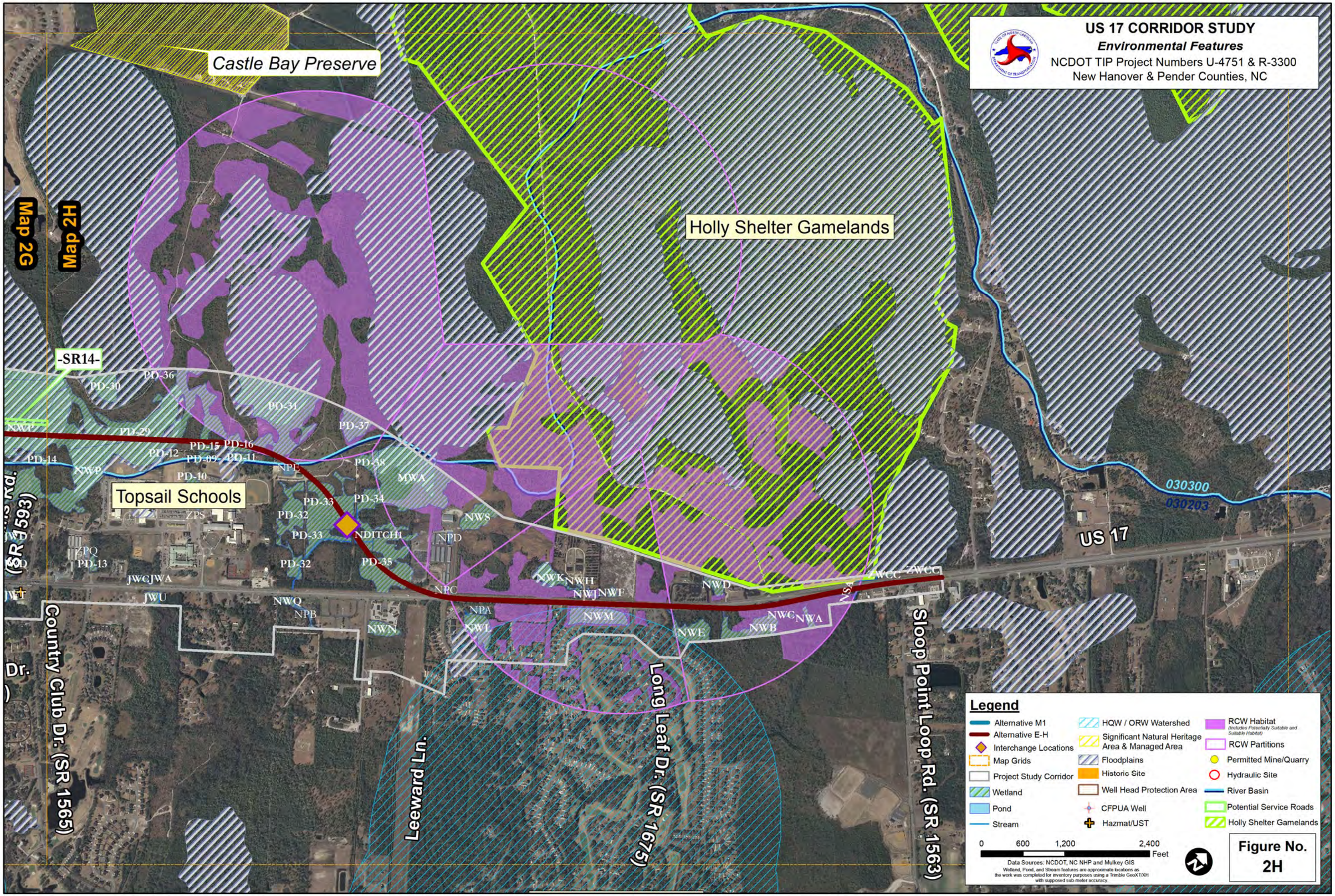

US 17 CORRIDOR STUDY
Environmental Features
NCDOT TIP Project Numbers U-4751 & R-3300
New Hanover & Pender Counties, NC
Cross Creek
Godfrey Creek Estates
Godfrey Creek Rd.
Harrisons Creek
NC 210
Harrison Creek Rd. (SR 1573)
Godfrey Creek
Whitehead Fish Farm Mine
Site 17
Site 8
-SR8-
-SR9-
-SR10-
-SR11-
-SR12-
-SR13-
Map 2E
Map 2F
Map 2G
HWR
PD-06
HWMM
HWMX
HWG
HSC
HWJ
HWK
HWY
HWL1
HWL
HWP
HWZ
HWH5
HWH2
HWH1
HWG
HWH6
HWH4
HWH
HWF
HWS
HWU
HWH3
HWI
HWE
HWT
HWD
HWC
HSB
HSA
HWB
HWA
IWD
LSA
IWA
LWA
IPA
LPD
LSB
IPD
LWB
LWC
MWM(2)
IPE
IWE
IWC
IWB
IPF
LWD1
LSC
LSCD
LSCB
LSCP
LWD
LWE
Legend
Alternative M1
Alternative E-H
Interchange Locations
Map Grids
Project Study Corridor
Wetland
Pond
Stream
HQW / ORW Watershed
Significant Natural Heritage Area & Managed Area
Floodplains
Historic Site
Well Head Protection Area
CFPUA Well
Hazmat/UST
RCW Habitat (Includes Potentially Suitable and Suitable Habitat)
RCW Partitions
Permitted Mine/Quarry
Hydraulic Site
River Basin
Potential Service Roads
Holly Shelter Gamelands
0 600 1,200 2,400 Feet
Data Sources: NCDOT, NC NHP and Mulkey GIS
Wetland, Pond, and Stream features are approximate locations as the work was completed for inventory purposes using a Trimble GeoXT/XH with supposed sub-meter accuracy

Figure No. 2F


US 17 CORRIDOR STUDY
Environmental Features
NCDOT TIP Project Numbers U-4751 & R-3300
New Hanover & Pender Counties, NC
Map 2F
Map 2G
Map 2H
Site 23
Hoover Rd. (SR 1569)
Castle Bay
NC 210
South Topsail Elementary
-SR14-
-SR15-
-SR16-
Whitehouse Creek Mine
St. Johns Church Rd. (SR 1592)
Jenkins Rd. (SR 1593)
US 17
Hampstead
Topsail Consolidated School
Grandview Dr. (SR 1702)
Ravenswood Dr. (SR 1687)
Country Club Dr. (SR 1565)
030300
030205
Legend
Alternative M1
Alternative E-H
Interchange Locations
Map Grids
Project Study Corridor
Wetland
Pond
Stream
HQW / ORW Watershed
Significant Natural Heritage Area & Managed Area
Floodplains
Historic Site
Well Head Protection Area
CFPUA Well
Hazmat/UST
RCW Habitat (Includes Potentially Suitable and Suitable Habitat)
RCW Partitions
Permitted Mine/Quarry
Hydraulic Site
River Basin
Potential Service Roads
Holly Shelter Gamelands
0 600 1,200 2,400 Feet
Data Sources: NCDOT, NC NHP and Mulkey GIS
Wetland, Pond, and Stream features are approximate locations as the work was completed for inventory purposes using a Trimble GeoXT/XH with supposed sub-meter accuracy.
Figure No. 2G


US 17 CORRIDOR STUDY
Environmental Features
NCDOT TIP Project Numbers U-4751 & R-3300
New Hanover & Pender Counties, NC
Castle Bay Preserve
Holly Shelter Gamelands
Map 2G
Map 2H
-SR14-
Topsail Schools
US 17
Country Club Dr. (SR 1565)
Leeward Ln.
Long Leaf Dr. (SR 1675)
Sloop Point Loop Rd. (SR 1563)
030300
030203
PD-30
PD-36
PD-31
PD-37
PD-29
PD-14
PD-12
PD-15
PD-16
PD-09
PD-11
PD-10
PD-38
PD-33
PD-34
PD-32
PD-35
PD-13
NDITCH1
NWP
NPE
MWA
NWS
NPD
ZPS
ZPQ
JWD
JWCJWA
JWU
NWQ
NPB
NWN
NPC
NPA
NWL
NWK
NWH
NWJ
NWF
NWM
NWD
NWE
NWB
NWC
NWA
NSA
WCC
ZWCC
Legend
Alternative M1
Alternative E-H
Interchange Locations
Map Grids
Project Study Corridor
Wetland
Pond
Stream
HQW / ORW Watershed
Significant Natural Heritage Area & Managed Area
Floodplains
Historic Site
Well Head Protection Area
CFPUA Well
Hazmat/UST
RCW Habitat
(Includes Potentially Suitable and Suitable Habitat)
RCW Partitions
Permitted Mine/Quarry
Hydraulic Site
River Basin
Potential Service Roads
Holly Shelter Gamelands
0 600 1,200 2,400 Feet
Data Sources: NCDOT, NC NHP and Mulkey GIS
Wetland, Pond, and Stream features are approximate locations as the work was completed for inventory purposes using a Trimble GeoXT/XH with supposed sub-meter accuracy.
Figure No. 2H