

PROJECT DATA SHEET

TIP No: U-5857	County: Hoke
Federal-aid No: N/A	WBS No: 46384.1.1
NCDOT Division: 8	Scoping Meeting Date: September 29, 2015

Project Description:

- Length: 2.65 miles
- Termini (US Hwy/SR): Pittman Grove Church road to Westfield Drive/Eastfield Drive
- MPO / RPO: FAMPO
- NEPA / 404 Merger Candidate? Yes No Unknown
- General Description of Project:

4-lane median divided widening of SR 1406 (Rockfish Rd) from Pittman Grove Church road to Westfield Drive/Eastfield Drive

Design Data (Existing Conditions):

- Functional Classification: Minor Collector
- Strategic Highway Corridor: N/A
- CTP Designation (Facility Type): Arterial
- Type of Access Control: None
- Typical Section: Two-lane shoulder section
- Right of Way: Varies
- Posted Speed: 35 – 55 mph
- Structure Inventory (bridges, RCBC, Walls, etc):

None

- Other TIP Projects in the Area

U-5707, U-5753, U-5798, U-5858, U-2519, U-6051, U-6072, U-3422

- Railroad Involvement:

2018-2027 STIP roadway CL crosses Aberdeen and Rockfish Railroad; revised project limit does not cross.

Initial Scoping Comments:

- The project study area crosses the Aberdeen & Rockfish Railroad just south of Lindsay Road at the northern end of the project.
- There are several small business and retail uses along the northern end of the project study area near Lindsay Road in the unincorporated Rockfish community.
- Active agricultural fields are located on the west side of Rockfish Road, south of Swift Creek Road/King Road.
- Rockfish Road provides access to additional single-family homes and residential subdivisions in the southern portion of the Direct Community Impact Area (DCIA). The subdivisions in the area are built out and no current development activity was observed during the site visit.
- Maximum capacity for a rural two-lane highway, Level of Service D, in the Piedmont is approximately 1,500 vph.

Traffic Data (AADT):

No Build	2017	8,100-12,300 vpd
Design Year	2040	16,200-28,400 vpd Traffic Forecast approved 9/5/17

Cost Estimates:

	Construction	Right-of-Way	Utilities/ Prior Year Cost	Total
TIP Estimate	\$24,054,000	\$5,778,000		\$29,832,000

Project Schedule:

Environmental Document MCDC:	July 2019
Right-of-Way:	March 2020
Let:	March 2022

Purpose and Need Data:

Draft Project Need:

The primary need for the proposed action is to address the anticipated increase in traffic volumes in the 2040 Build Year conditions. The traffic volume is anticipated to increase up to 135% from the existing conditions.

Draft Project Purpose:

The primary purpose for the proposed action is to address the future levels of service (LOS) in the vicinity of the Rockfish community and connect with U-5707 and U-5798 to create a single, interconnected four-lane corridor through the Rockfish community, with traffic signals at key intersections and a grade-separated crossing of the active rail line.

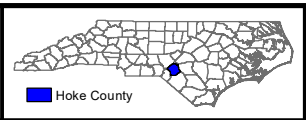
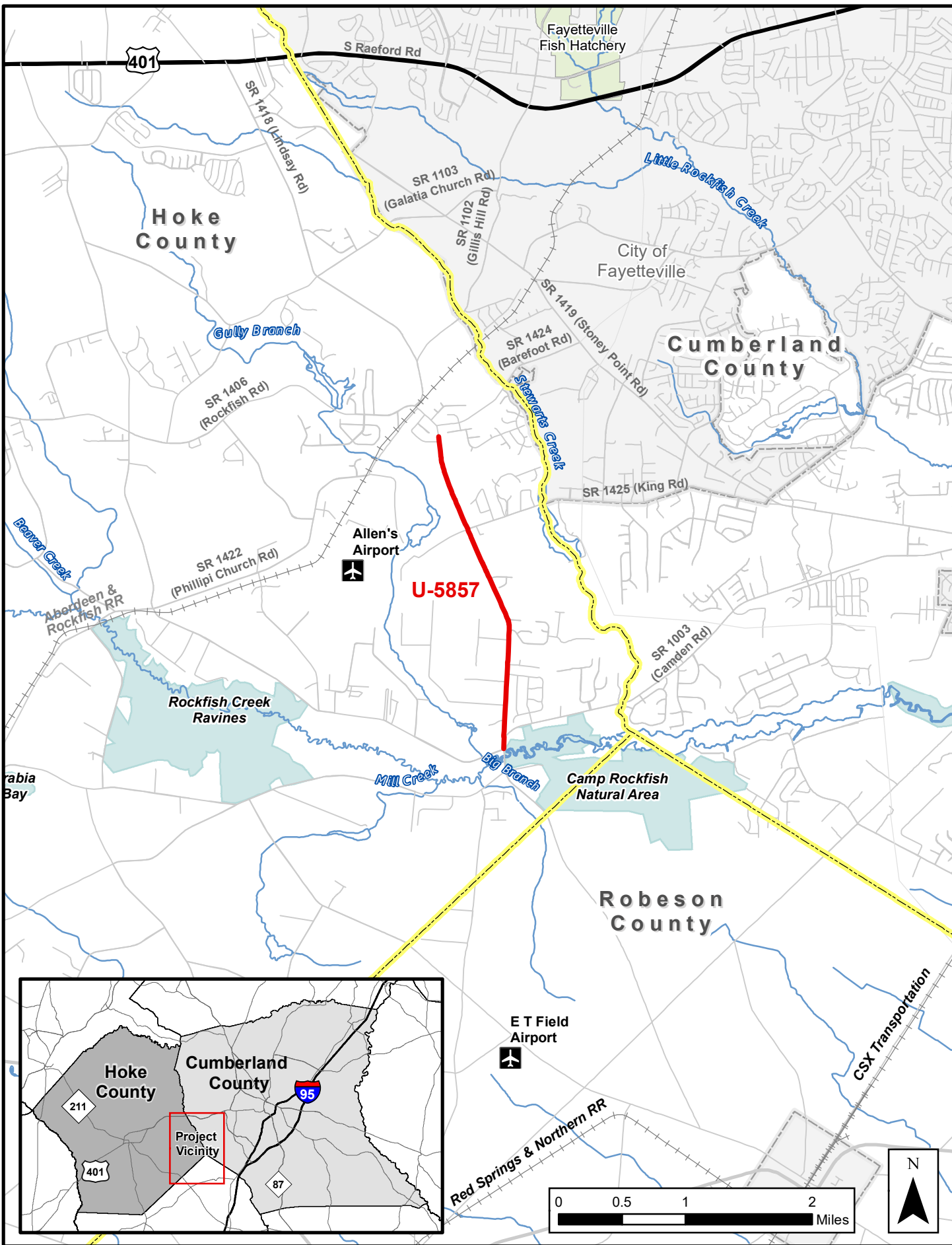
Preliminary Corridor Resource Inventory Table:

Resource/Measure	Study Area
Length of project (to tenth of miles)	approximately 3.3 mi total
Potential for Interchanges or RR crossings (#)	None
Other infrastructure (# of Wastewater treatment plants, transmission pipelines, etc.)	None currently identified
Suspected/known hazardous material sites (#)	Former gas station – 7569 Rockfish Rd Possible former gas station & convenience store - 7599 Rockfish Rd Gas station – 8594 Rockfish Rd Auto Repair & Salvage Yard - 9542 Rockfish Rd Former gas station site - Intersection of Camden Rd & Rockfish Rd
National Register or eligible sites, districts, or other historic properties (#)	No registered historic sites; survey in process
Community facilities such as hospitals, nursing homes, churches, schools, cemeteries, etc.) (#)	(1) Fire station (1) School – Rockfish Christian Academy (1) Church – Rockfish Church of God (1) Cemetery – Woods Cemetery (family cemetery dating to the 1850s) (1) Preschool – Rising Leaders of Success Preschool
Potentially affected properties reported in the Project Scope Report Screening Checklist	TBD

<p>NRTR Jurisdictional Wetlands (Est acres rounded to whole acre)</p>	<p>NRTR – anticipated May-June 2019 Wetland delineations have not yet been performed within the project areas. The potential impacts listed in the tables below are based on a GIS desktop analysis using the most recent version of the National Wetlands Inventory (NWI) and the National Hydrography Dataset (NHD). Refer to the environmental features map for more information. W1 – 0.1 ac</p>
<p>NRTR Streams (# of streams and number of linear ft)</p>	<p>NRTR – anticipated May-June 2019 The potential impacts listed are based on a GIS desktop analysis using the most recent version of the National Wetlands Inventory (NWI) and the National Hydrography Dataset (NHD). Refer to the environmental features map for more information. S1 – 178 ft total S2 – 122 ft total P1 – 0.1 ac total The study corridor crosses these creeks/streams and one pond perpendicular. None are parallel to the roadway, as shown in Figure 2.</p>
<p>Critical water supply watersheds (rounded to nearest acre)</p>	<p>None</p>
<p>Riparian Buffer rules apply (yes/no/part)</p>	<p>None</p>
<p>Area of active agriculture (Est to the nearest acre)</p>	<p>Potential active agriculture locations. All acreage is approximate. 6.8 total ac west of Rockfish Road south of Swift Creek Road 64.1 total ac west of Rockfish Road north of Mallernee Lane Approximately 2.5 ac within the project study area west of Rockfish Road</p>
<p>Parks, greenways, game lands, land and water conservation fund properties, etc. (#)</p>	<p>None</p>

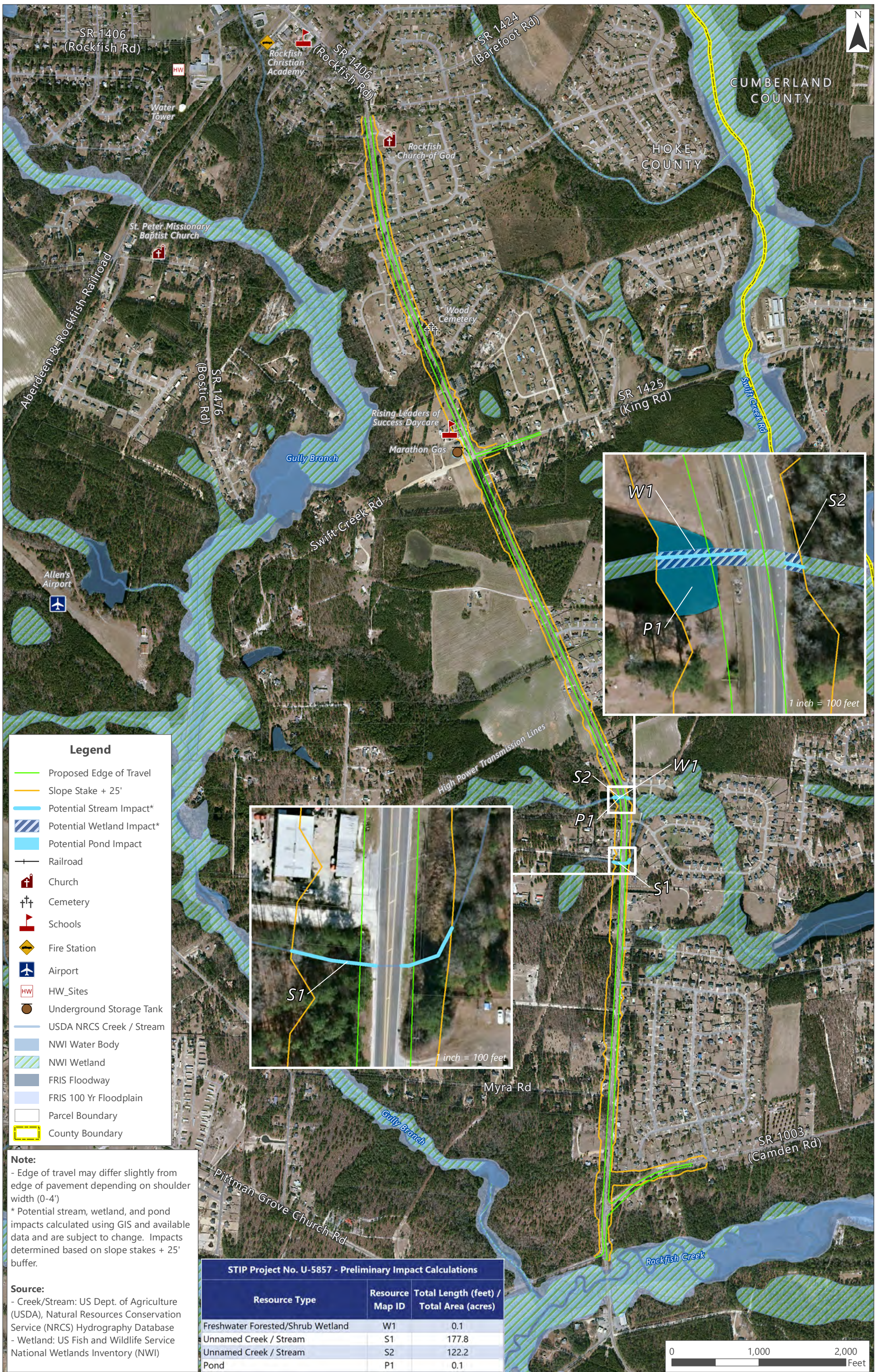
<p>Identified critical habitat/species under ESA (yes/no/part)</p>	<p>No T&E species per the USFWS website. NRTR – anticipated May-June 2019 Species common to Hoke County: Schwalbea americana (American chaffseed) (E) Rhus michauxii (Michaux’s sumac) (E) Lysimachia asperulaefolia (Rough-leaved loosestrife) (E)</p>
<p>FEMA buyout properties</p>	<p>Secretary of Housing and Urban Development Parcel: DB 1164 PG 855 Rockfish Corp Parcel: DB 559 PG 39</p>
<p>Other known/suspected resources or issues (identify low income or minor community) (#)</p>	<p>Census data indicates a notable presence of minority and low-income populations meeting the criteria for Environmental Justice within the DSA, but no minority or low-income communities were observed within the DCIA during the field visit or noted by local planners.</p> <p>CT 9701.03 BG 3 includes a population that is 54.8% minority, which exceeds the 50% threshold, and 16.5% near poor, which exceeds the Hoke County average by five percentage points. CT 9701.03 BG 2 includes a population that is 36.0% minority.</p> <p>While low-income and minority populations are present in the DSA, no notably adverse community impacts are anticipated with this project; thus, impacts to minority and low-income populations do not appear to be disproportionately high and adverse.</p> <p>Census data does not indicate LEP populations meeting the US Department of Justice LEP Safe Harbor threshold, but does indicate a Spanish language-speaking population exceeding 50 persons within the DSA that may require language assistance.</p>

NOTE: This is to be used in conjunction with the Environmental Screening and Community Context Screening Maps for the purposes of evaluation the feasibility of potential corridors. Use of the table without the aid of mapping may lead to misinformed decisions.



Hoke County
STIP No: U-5857

Figure 1
Vicinity Map



Legend

- Proposed Edge of Travel
- Slope Stake + 25'
- Potential Stream Impact*
- Potential Wetland Impact*
- Potential Pond Impact
- +— Railroad
- ✙ Church
- ✙✙ Cemetery
- ✙ Schools
- ✙ Fire Station
- ✙ Airport
- HW HW_Sites
- Underground Storage Tank
- USDA NRCS Creek / Stream
- NWI Water Body
- NWI Wetland
- FRIS Floodway
- FRIS 100 Yr Floodplain
- Parcel Boundary
- County Boundary

Note:

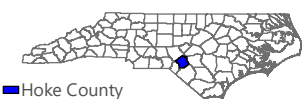
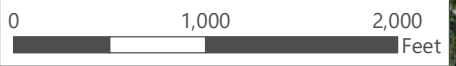
- Edge of travel may differ slightly from edge of pavement depending on shoulder width (0-4')
 * Potential stream, wetland, and pond impacts calculated using GIS and available data and are subject to change. Impacts determined based on slope stakes + 25' buffer.

Source:

- Creek/Stream: US Dept. of Agriculture (USDA), Natural Resources Conservation Service (NRCS) Hydrography Database
 - Wetland: US Fish and Wildlife Service National Wetlands Inventory (NWI)

STIP Project No. U-5857 - Preliminary Impact Calculations

Resource Type	Resource Map ID	Total Length (feet) / Total Area (acres)
Freshwater Forested/Shrub Wetland	W1	0.1
Unnamed Creek / Stream	S1	177.8
Unnamed Creek / Stream	S2	122.2
Pond	P1	0.1

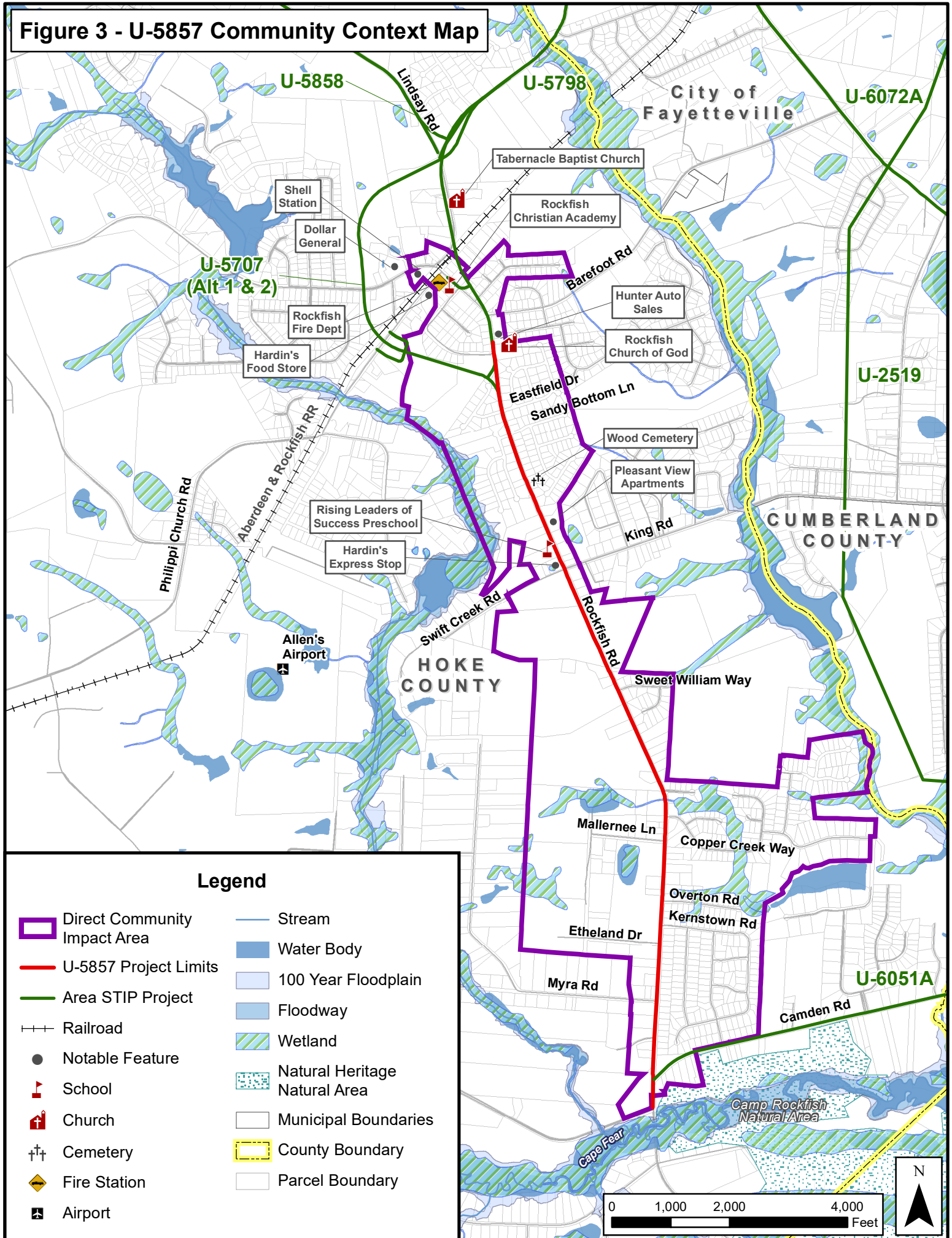


Rockfish Road Widening
 Widen SR 1406 (Rockfish Road) from SR 1418 (Lindsay Road) to SR 1003 (Camden Road)

TIP No. U-5857
 Division 8
 March 2019

Figure 1
 Environmental Features Map

Figure 3 - U-5857 Community Context Map



Legend

- | | |
|------------------------------|-------------------------------|
| Direct Community Impact Area | Stream |
| U-5857 Project Limits | Water Body |
| Area STIP Project | 100 Year Floodplain |
| Railroad | Floodway |
| Notable Feature | Wetland |
| School | Natural Heritage Natural Area |
| Church | Municipal Boundaries |
| Cemetery | County Boundary |
| Fire Station | Parcel Boundary |
| Airport | |

