

**NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
FIELD SCOPING MEETING WORKSHEET
Design Build Process**

WBS No.: **48081.1.1 (B-5888)**

Field Scoping Meeting Date: **March 16, 2016**

Division: **13**

Meeting Location: **On-site**

Route (US/NC/SR): **SR 2815**

County: **Buncombe**

Project Description: **Bridge No. 100100 over Ashworth Creek on SR 2815 (Village Road)**

Tier: **Sub-regional**

Funding: **State**

Municipality: **Within Fairview Community Limits**

Attendees

| | Name | Phone No. | E-mail |
|-----------------------------|--------------------------------------|------------------------------------|---------------------------------|
| Division Bridge Manager | Chris Medlin | (828) 298-1128 | cdmedlin@ncdot.gov |
| Division Environmental Off. | Yates Allen | (828) 251-6171 | yallen@ncdot.gov |
| Hydraulics Engineer | Marc Shown Rusty Lassiter | (919) 707-6751 | mshown@ncdot.gov |
| PPU | Pam Williams | (919) 707-6608 | prwilliams@ncdot.gov |
| PPU | Eileen Fuchs | (919) 707-6613 | eafuchs@ncdot.gov |
| DENR-DWQ | Kevin Barnett | (828) 296-4657 | Kevin.Barnett@ncdenr.gov |
| USFWS | Andrew Henderson | (828) 258-3939 ext. 227 | andrew_henderson@fws.gov |
| Division Utility | Robert Briggs | (828) 251-6171 ext. 224 | rbriggs@ncdot.gov |

Gersheon Carver & Steve Gosnell– L&S

Existing Features

Feature Bridged: **Bridge No. 100100 over Ashworth Creek on SR 2815 (Village Road)**

Exist. Bridge Clear Deck Width: **20.25'**

Approach Roadway width: **17'**

Bridge Length: **42'**

Deck Width (Out To Out): **21.25'**

Water Depth: **1'**

Height Bed-To-Crown: **12'**

Year Built: **1956**

Posted Weight Limits: SV: **17** TTST: **21**

Superstructure:
Timber Floor on I-Beams

Substructure:
Abuts reinforced concrete

Pier Type: **1@ 42'**

Temp. Shored:

Historic High Water (Elev. To The Existing Structure): **(Ft)**

PRI: 52.82 DP: 5.03 **SR: 23.75**

School Bus crossings per day: **5**

Posted Speed Limit: **35 MPH**

Detour Off-Site **Stage Construction** **New Alignment** **On-site**

If Off-Site, Description Of Detour Route: **US 74A (Loop Road) – SR 2815**

Approximate Length Of Detour? **≈ 0.70 miles, measurement from Google Map**

Improvements Needed To Road(s) On Detour? **No**

Div. Traffic Eng. Recommend Off-site detour signing? **Trailblazing with Street/Road names**

Improvements Needed To Bridges On Detour? **No**

Are future plans for upgrading this roadway either at or in the vicinity of this project? **No**

Are Bridges On Detour Currently Programmed? **No**

Are There EMS Or Business Access Issues? **No, per Buncombe County EMS response, the potential impacts on Emergency Medical Services will be minimal**

Are There Any Railroad Crossings On Detour? **No**

Should Work Zone Pedestrian Access Be Maintained During Construction? **No**

Overhead Utility Lines In Conflict **See below**

Power Transmission Lines In Conflict

Telephone In Conflict **See below**

Cable Lines In Conflict **See below**

Fiber Optic In Conflict

Water In Conflict **See below**

Sewer In Conflict

Natural Gas In Conflict

Other In Conflict **There are no utilities attached to the bridge; Final Survey DGN file will be provided**

Duke Energy has a pole near the Northwest corner of the bridge on SR 2815. Duke Energy also has multiple poles to the Northeast and Southwest along both sides of SR 2815 as shown in the Structure No: 100100

FS. There is an underground power line on the Northwest corner of bridge and another to the Northeast going to the Fire Dept. Both are shown in the FS.

AT&T has a pole on the Northwest corner of Bridge No. 100 and one at the Southwest corner of the bridge. They also have an underground line running the length of the project on both sides of the bridge, and multiple hand holes and pedestals on the Northwest corner of the bridge. There are also underground lines as well as poles running east up Garren Creek Rd. and Church Rd. All of which are shown in the FS.

Charter Communications has a small amount of underground lines to the Northeast of the bridge and are shown in the FS.

City of Asheville has a water line of an unknown size running to the Northeast of the bridge and it runs East up Church Road. There are also fire hydrants and meters as well. All are shown in the FS.

Is There Any Future Utility Construction Anticipated In The Project Area **No**

Is A FEMA Buy-Out Property Being Impacted **No**

Environmental

Wetlands At Site: **No**

Comments: **Ashworth Creek is JS**

Endangered Species In County: Per NHP records, there are no T&E element occurrences within 1.0 mile of the bridge. Biological conclusion for the following is "No Effect": Carolina northern flying squirrel, Bog turtle, Spruce-fir moss spider, Spreading avens, Rock gnome lichen, Virginia Spirea, Bald eagle,

Northern Long Eared Bat, Gray Bat, Appalachian Elktoe, Tan Riffleshell, Spottfin Chub: **No Effect**

Trout County : **Yes**

TVA County: **Yes**

CAMA County; **No**

Primary Nursery Area: **No**

Moratoria: **No**

Which species:

Duration : **None**

Permits discussion:

Water Quality Classification: **Class C**

303d: **No**

Coast Guard Permit? **No**

Drainage Basin: **French Broad**

Riparian Buffer Rules: **None**

Is The Project Site In Or Near Any Of The Following:

National Forest: **No**

Wildlife Refuge: **No**

State, County, Or Local Park: **No**

Wild And Scenic River: **No**

Airport: **No**

Recreation or Power Generation: **No**

Water Supply Reservoir: **No**

Nutrient Sensitive Waters: **No**

Public Use Boat Ramp: **No**

Cemeteries: **No**

VAD/Farmland Protection: **No**

Game lands: **No**

Comments: **Trout & Hatchery Support**

Items To Be Discussed / Resolved At FSM By Attendees

Off-Site Detour Stage: New Alignment: On-site detour
Clear roadway width (CRW): CRW:
Temp. Signals: Alignment; N, E, W, S Alignment; N, E, W, S Alignment;
Alignment: N, E, W, S Alignment;

Environmental Document Prepared by DBE: Low Impact Data Spreadsheet

Minimum Criteria Checklist

ADT (Let Year 2018): **420** NHS: 0 Tier: **Sub-regional** Func. Class: **Local**
VPD (interpolated traffic forecast from TPB memo dated: 3/7/16)

Bridge Min. Clear Deck Width Recommended by Div.: **30' Out To Out**

Roadway lane width **10'** with **3'** shoulders or pave to face of guardrail

Extension of Paved shoulders: **to end of guardrail and taper 8:1**

Pave to face of guardrail and taper 8:1 to travel lane/paved shoulder? **Yes**

Min. Pavement Surface Course: **3"** (inches)

Existing Roadway: **17'**

Pavement Marking: **Paint**

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Will Railroad Involvement Be Required: **No**

Method of Clearing: **II Mod**

Truck Percentage: **7% (6% duals; 1% TTST)**

Reasonable Safe Speed per SIR: **35 MPH**

Liquidated damages: will be imposed after **90** days of closure/construction Amt: **\$ 500** per day

CEI by? **NCDOT**

R/W by? **DBT**

R/W monuments? **Conc.**

Salvageable materials: **Steel I-Beams**

Contact Person/number: **Shannon Woody** mswoody@ncdot.gov (828) 298-1128

Deliver to: **Buncombe County Bridge Maintenance Yard located at:**

20 Old 74, Asheville, NC 28803; DOT will offload

Sequencing priority in construction? **Do not build concurrently with Bridge# 100099 due to it's on a detour route.**

Comments:

- **Fire station located near bridge (for information only; fire station can use US 74 for access)**
- **Cut end abutment down to footing**
- **pave 150' on each side of roadway approach**