

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

TIP: **B-6007** WBS: **48202.1.1** Field Scoping Meeting Date: **July 30, 2018**
Division: **6** Location: **On-site**
Route (US/NC/SR): **SR 2269** County: **Robeson**
Project Description: **770108 over Indian Swamp on SR 2269 (Bloomingdale Road)**
Tier: **Subregional** Funding: **Federal**
Municipality: **N/A**

Attendees

	Name	Phone	E-mail
Division Bridge Program Manager	Christy Huff, PE	910-364-0603	chuff@ncdot.gov
Division Environmental Officer	James Rerko	910-364-0834	jjrerko@ncdot.gov
Division Environmental Specialist	Greg Price	910-364-0835	gwprice2@ncdot.gov
Division Project Development Eng.	Steve Kendall	910-364-0603	sdkendall@ncdot.gov
Division Bridge Maintenance Engineer	Darren Pittman	910-364-0670	dpittman@ncdot.gov
Assistant Division Bridge Maintenance Engineer	Mike Fisher	910-364-0670	mdfisher@ncdot.gov
Division Utility Coordinator	Rick Bounds	910-639-7345	rbounds@ncdot.gov
PPU	Jamie Lancaster, PE	919-707-6620	jlancaster@ncdot.gov
PPU	Jess Earley, PE	919-707-6606	jsearley@ncdot.gov
Hydraulics Engineer	Jon Moore, PE	919-707-6738	jlmoores@ncdot.gov
Hydraulics Engineer	Erik Seiler	919-707-6757	epseiler@ncdot.gov
NCDEQ-DWR	Joanne Steenhuis		Joanne.steenhuis@ncdenr.gov
Bridge Maintenance Supervisor	Gary Hilburn	910-642-4388	gdhilburn@ncdot.gov
Transportation Supervisor (Robeson)	Steve Blanton	910-618-5542	seblanton@ncdot.gov
District Engineer (Robeson)	Chuck Miller	910-618-5546	csmiller@ncdot.gov
County Maintenance Engineer (Robeson)	Brice Bell, PE	910-618-5543	bricebell@ncdot.gov
Resident Engineer (Lumberton)	Mike Parker, PLS	910-618-5689	jmparkerjr@ncdot.gov

Existing Features

Feature Bridged: Structure **770108 over Indian Swamp on SR 2269**

Ex. Bridge Clear Deck Width: **29 (Ft.)**

Roadway width: **19 (Ft.)**

(Bridge / Culvert) Length: **61 (Ft.)**

Deck Width (Out To Out): **30.5 (Ft.)**

Water Depth: **4 (Ft.)**

Height Bed-To-Crown: **10 (Ft.)**

Year Built: **1967**

Posted: **SV 25**

TTST: **29**

Superstructure: **Prestressed
Concrete Channels**

Abutment: **_**

Pier Type: **1 @ 30'7", 1 @ 30'9"**

Temp. Shored: **_**

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

PRI: **48.147**

DP: **2.5**

SR: **39.95**

School Bussing crossings per day: **Division**

Posted Speed Limit Vicinity: **55 (mph)—Statutory**

Detour

Off-Site ☒

Stage Construction ☐

New Alignment ☐

On-site ☐

If Off-Site, Description Of Detour Route: **SR 2267 - NC 130 - SR 2266 - SR 2264 - SR 2269**

Approximate Length Of Detour? **4.8 Miles**

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? **Division**

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

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

Overhead Utility Lines

In Conflict **No**

Power Transmission Lines

In Conflict **No**

Telephone

In Conflict **Division**

Cable Lines

In Conflict **Division**

Fiber Optic

In Conflict **Division**

Water

In Conflict **Division**

Sewer

In Conflict **Division**

Natural Gas

In Conflict **Division**

Other

In Conflict **Division**

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: **Yes** Comments: **NE Quadrant**

Endangered Species In County: Red-Cockaded Woodpecker, Michaux's Sumac

T&E species effect: **No Effect**

Trout County: **No**

TVA County: **No**

CAMA County: **No**

Primary Nursery Area: **No**

Moratoria: **No**

Which species: **N/A**

Duration: **N/A**

Permits discussion: **NW #3**

Water Quality Classification: **Class C-Sw**

303d: **No**

Coast Guard Permit? **No**

Drainage Basin: **Lumber**

Riparian Buffer Rules: **No**

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**

Known Or Potential Historic Properties In The Area: **No**

Architecture: No Survey Required

Archaeology: No Survey Required

Is The Bridge Structure Itself, Or Any Part Thereof, Considered Historic: **None**

Impacts to a Church, Community Center, Or Other Public Facility? **No**

Is this a Statewide Bicycle Route or a Local n-Marked Bicycle Route: **No**

Comments:

Geotechnical

Are There Any Historical and/or Vibration Sensitive Structures Near By? -----

Comments:

Are There Any Known Landfills and/or Geo-environmental Hazard Sites at/or Within Close Proximity To The Project Site? -----

Comments:

Are Any Impacts Anticipated To Natural Springs Or Artesian Wells? -----

Comments:

Possible Foundation Type:

End Bents:

Interior Bents:

Hydraulics

FEMA Approval? **Yes-Limited**
(MOA)

State Stormwater Permit? **No**

Is There Unusual Scour Potential? **No**

Is Protection Needed? **Standard**

Are Banks Stable? **Yes**

Is Protection Needed? **Standard**

Appreciable Amount Of Large Debris? **Low**

Placement Of Bents In The Water Be Allowed: **Yes**

Where: **5' east of existing**

Structure Type: **Bridge**

If Bridge: **CS—21"**

If girder; why?

Length Of Structure: **85ft**

Min. Number Of Spans: **2**

Span Arrangement: **1 @ 35', 1 @ 50'**

Waive offset: **Yes**

EB Cap: **2'-6"**

Skewed: **No**

Raise Grade

Items To Be Discussed / Resolved At FSM By Attendees

Off-Site ☒

Stage Construction ☐

New Alignment ☐

On-site ☐

Clear roadway width:

Temp. Signals:

Clear roadway width:

one lane w/ signals:

or two lanes CRW:

Alignment: N, E, W, S

Alignment: N, E, W, S

Alignment: N, E, W, S

Environmental Document Prepared by DEO Or PEF:

CE (federal) ☒

Minimum Criteria Checklist (state) ☐

ADT: **1000 per SIR**

NHS: **0**

Tier: **Subregional**

Func. Class: **Local**

Bridge Min. Clear Deck Width Recommended by Div.: **33 ft OTO**

Roadway lane width: **10'** with **3'** shoulders, including **0'** paved shoulders

Extension of Paved shoulders: **No paved shoulders**

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

Min. Pavement Surface Course: **3"**

Existing Roadway:

Pavement Marking: **Paint**

Pavement Markers: **Raised**

Will Railroad Involvement Be Required: **No**

Method of Clearing: **Type II Modified**

Truck Percentage: **4%**

Reasonable Safe Speed per SIR:, **35 mph (from speed study)**

Liquidated damages: will be imposed after **120** days of closure/construction. Amt: **\$ 500** per day

CEI by?

NCDOT

R/W by?

DBT

R/W monuments? **Pin & Cap**

Salvageable materials: **No**

Contact Person/number:

Deliver to:

Removal of previous structure remnant abutments/piers: **Yes, remove remnants**

Sequencing priority in construction? **080197 to be first**

Comments: **Not on an evacuation route**

Structure No: 770108

