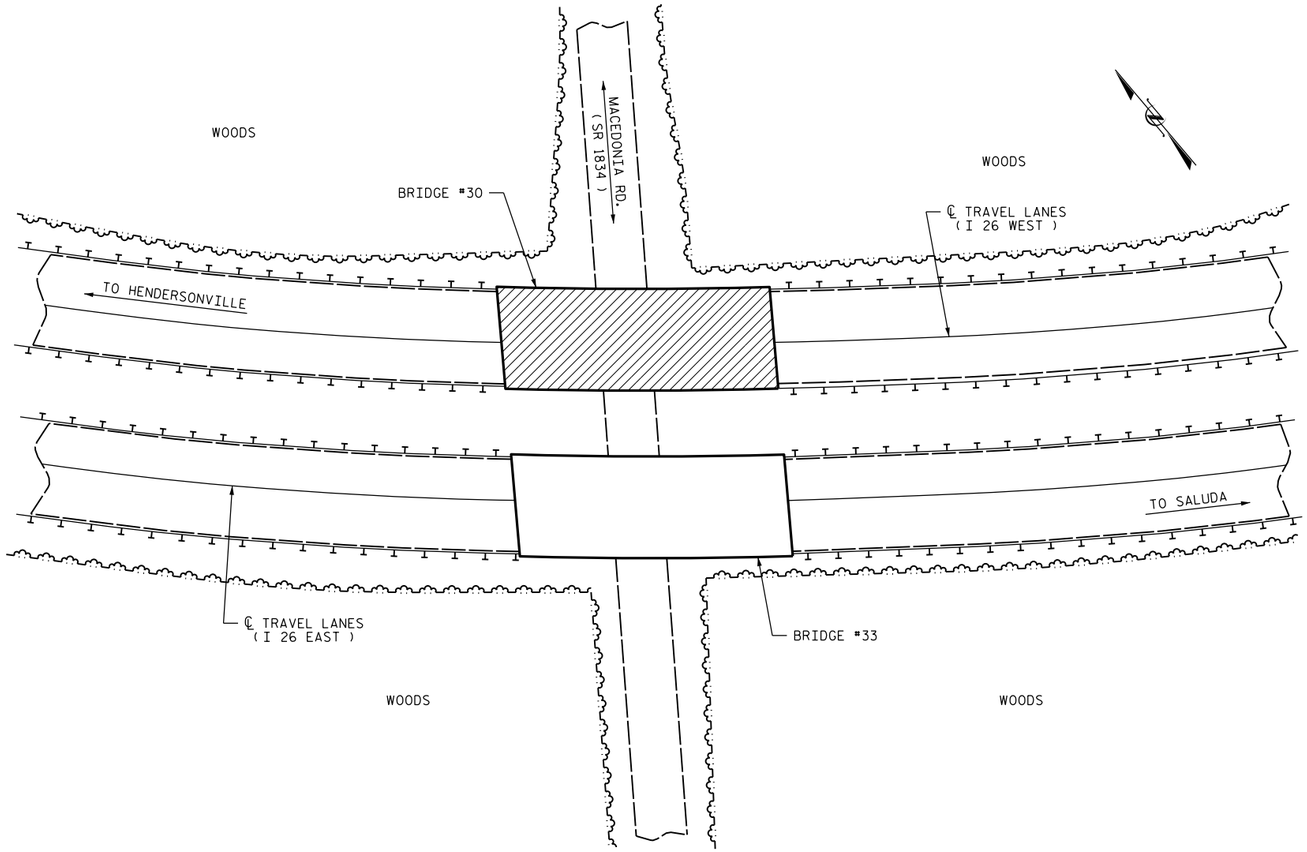

LOCATION SKETCH

NOTES:

EXISTING DIMENSIONS AND BRIDGE CONDITION ARE FROM BEST INFORMATION AVAILABLE. THE CONTRACTOR SHALL FIELD VERIFY THE INFORMATION SHOWN ON THE PLANS AND NOTIFY THE ENGINEER IF ACTUAL DIMENSIONS AND CONDITIONS DIFFER.

IT IS THE CONTRACTOR'S RESPONSIBILITY TO FOLLOW ALL STATE AND FEDERAL SAFETY REQUIREMENTS.

THE CONTRACTOR MUST COLLECT, TREAT AND DISPOSE OF RUN-OFF WATER FROM THE HYDRO-DEMOLITION PROCESS, SEE MANAGING HYDRO-DEMOLITION WATER SPECIAL PROVISION.

EXISTING JOINTS AND DECK DRAINS SHALL BE SEALED PRIOR TO BEGINNING SURFACE PREPARATION OF BRIDGE DECK.

DURING CONSTRUCTION, BERMS OR APPROPRIATE MEASURES SHALL BE USED TO ENSURE HYDRO-DEMOLITION WATER DOES NOT FLOW OR MIGRATE INTO ACTIVE TRAVEL LANES.

THE CONTRACTOR SHALL PROVIDE A METHOD OF HANDLING UNEXPECTED BLOW THROUGH OF THE DECK.

LONGITUDINAL CONSTRUCTION JOINTS OF OVERLAYS SHALL BE LOCATED ALONG THE CENTERLINE OR EDGE OF TRAVEL LANES.

ROADWAY MILLING IS INCLUDED TO ENSURE A SMOOTH TRANSITION ONTO THE BRIDGE FLOOR. DIMENSIONS SHOWN ARE APPROXIMATE. CONTRACTOR SHALL MILL AS REQUIRED TO PROVIDE A SMOOTH TRANSITION TO THE ROADWAY AT BOTH ENDS OF THE BRIDGE.

FOR "SCARIFYING BRIDGE DECK", "HYDRO-DEMOLITION OF BRIDGE DECK", AND "CLASS II SURFACE PREPARATION" SEE "OVERLAY SURFACE PREPARATION" SPECIAL PROVISION.

FOR "BRIDGE JOINT DEMOLITION", SEE SPECIAL PROVISIONS.

FOR OVERLAY OF BRIDGE DECK WITH "LATEX MODIFIED CONCRETE", SEE SPECIAL PROVISIONS.

FOR "SYNTHETIC RUBBER EXPANSION JOINT SEALS", SEE SPECIAL PROVISIONS.

FOR "ELASTOMERIC CONCRETE", SEE SPECIAL PROVISIONS.

FOR "SUBMITTAL OF WORKING DRAWINGS", SEE SPECIAL PROVISIONS.

FOR "FALSEWORK AND FORMWORK", SEE SPECIAL PROVISIONS.

FOR "CRANE SAFETY", SEE SPECIAL PROVISIONS.

FOR "GROUT FOR STRUCTURES", SEE SPECIAL PROVISIONS.

FOR CONTROL OF TRAFFIC AND LIMITS ON PHASING OF CONSTRUCTION, SEE TRANSPORTATION MANAGEMENT PLAN.

FOR "PILE ENCASEMENT REMOVAL", SEE SPECIAL PROVISIONS.

FOR "PAINTING EXISTING STRUCTURAL STEEL AND STEEL PILES", SEE SPECIAL PROVISIONS.

FOR "UNDER STRUCTURE WORK PLATFORM", SEE SPECIAL PROVISIONS.

FOR "BRIDGE JACKING", SEE SPECIAL PROVISIONS.

FOR "BEAM REPAIR", SEE SPECIAL PROVISIONS.

TOTAL BILL OF MATERIAL

REMOVAL OF EXISTING ASPHALT PAVEMENT	BREAKING OF EXISTING ASPHALT PAVEMENT	INCIDENTAL MILLING	ASPHALT CONC. BASE COURSE TYPE B25.0C	ASPHALT CONC. SURFACE COURSE TYPE S9.5C	ASPHALT BINDER FOR PLANT MIX GRADE PG 64-22	ASPHALT BINDER FOR PLANT MIX GRADE PG 70-22	GROOVING BRIDGE FLOORS	POLLUTION CONTROL	CLASS II SURFACE PREPARATION	LATEX MODIFIED CONC. OVERLAY	PLACING & FINISHING LATEX MODIFIED CONC. OVERLAY	SHOTCRETE REPAIR	EPOXY RESIN INJECTION
SQ. YDS.	SQ. YDS.	SQ. YDS.	TON	TON	TON	TON	SQ. FT.	LUMP SUM	SQ. YDS.	CU. YDS.	SQ. YDS.	CU. FT.	LIN. FT.
1,969	1,969	2,413	1,011	204	45	13	4,055	LUMP SUM	13	34.5	495	2.4	3.5

SYTHETIC RUBBER EXPANSION JOINT SEAL	PAINTING OF EXISTING STRUCTURE	PAINTING OF EXISTING STEEL PILES	UNDER STRUCTURE WORK PLATFORM	BRIDGE JACKING	REMOVAL OF EXISTING PILE ENCASEMENT	BEAM REPAIR	STEEL PILE REPAIR	BRIDGE JOINT DEMOLITION	SCARIFYING BRIDGE DECK	HYDRO-DEMOLITION OF BRIDGE DECK	REPLACE BEARINGS
LUMP SUM	LUMP SUM	LUMP SUM	LUMP SUM	LUMP SUM	CU. YDS.	LBS.	LBS.	SQ. FT.	SQ. YDS.	SQ. YDS.	EACH
LUMP SUM	LUMP SUM	LUMP SUM	LUMP SUM	LUMP SUM	52	3,506	25	75	495	495	4

PROJECT NO. BP-5500BB
HENDERSON COUNTY
BRIDGE NO. 30

SHEET 2 OF 2

NORTH CAROLINA PROFESSIONAL SEAL 035635 ENGINEER DAVID N. SNOKE
4/14/14

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH

GENERAL DRAWING

BRIDGE #30 ON I26 WEST
OVER MACEDONIA RD.
(SR1834)

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	S-2
1			3			TOTAL SHEETS
2			4			19

DRAWN BY : P.C. BREWER DATE : 2/14
CHECKED BY : D.N. SNOKE DATE : 3/14
DESIGN ENGINEER OF RECORD: - DATE : -

18-JUL-2014 11:50
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