



STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

MICHAEL F. EASLEY
GOVERNOR

LYNDO TIPPETT
SECRETARY

EXAMPLE
"NEW"
STRUCTURE
RECOMMENDATION
FORMAT

MEMO TO: Mr. Greg Perfetti, PE
State Bridge Design Engineer

FROM: Jay A. Bennett, PE
State Roadway Design Engineer *Jay A. Bennett*

DATE: March 25, 2003

SUBJECT: Project 8.2010201 (B-3612) Bertie County
F. A. Project BRZ-1123(8)
Bridge No. 143 over Branch of Indian Creek on
SR 1123 (Billip Club Road)

Structure Recommendation Plans

Attached is a copy of the structure recommendation plans.
If you have any questions, please contact Jimmy Goodnight,
Project Engineer.

JAB/lto

Attachments

cc: Jimmy Goodnight (w/attachments)

MAILING ADDRESS:
NC DEPARTMENT OF TRANSPORTATION
ROADWAY DESIGN UNIT
1582 MAIL SERVICE CENTER
RALEIGH, NC 27689-1582

TELEPHONE: 919-250-4016
FAX: 919-250-4036
WEBSITE: WWW.DOH-DOF.STATE.NC.US

LOCATION:
CENTURY CENTER COMPLEX
BUILDING A
1000 BRIDGE RIDGE DRIVE
RALEIGH, NC

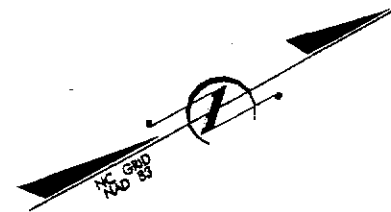
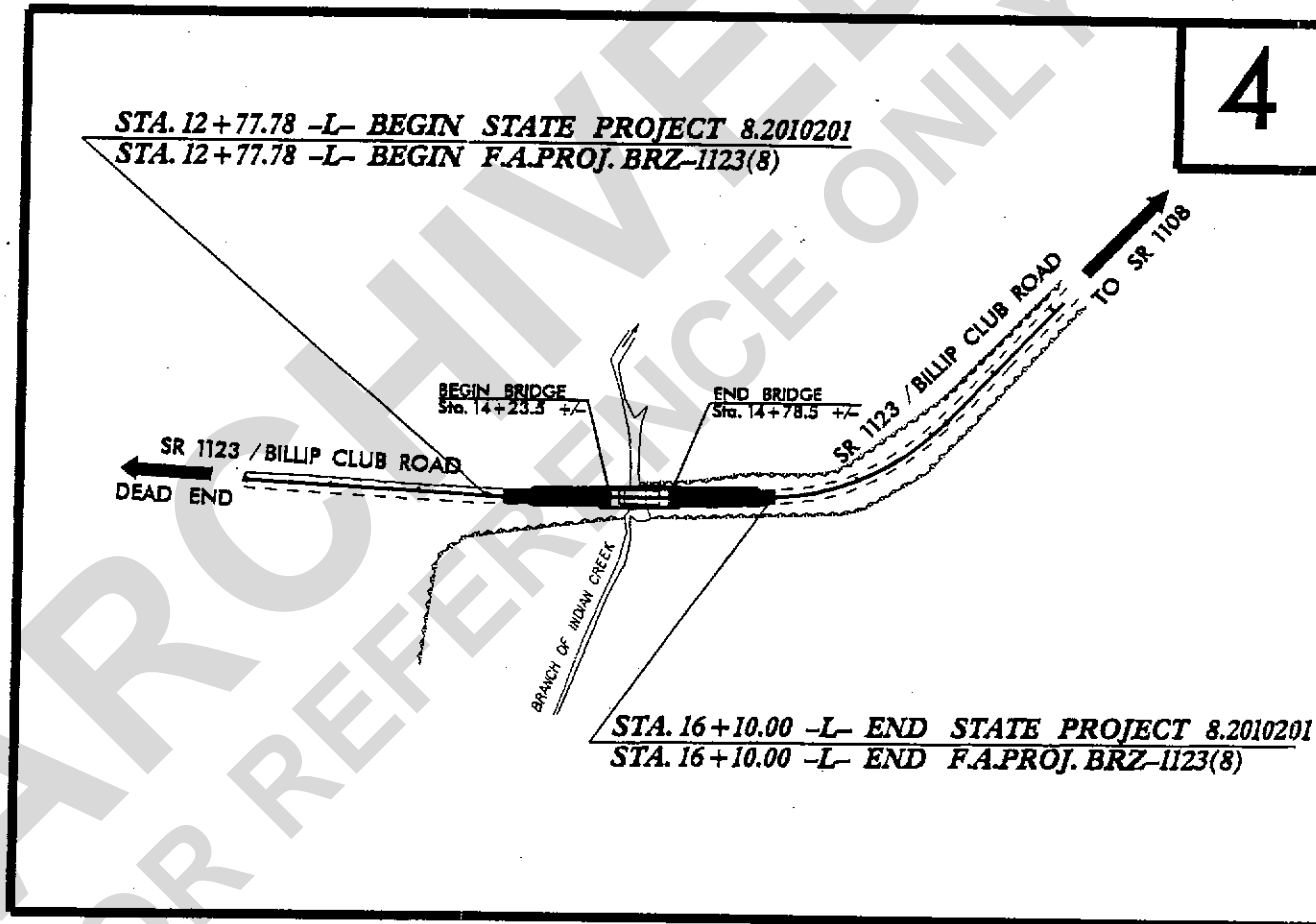
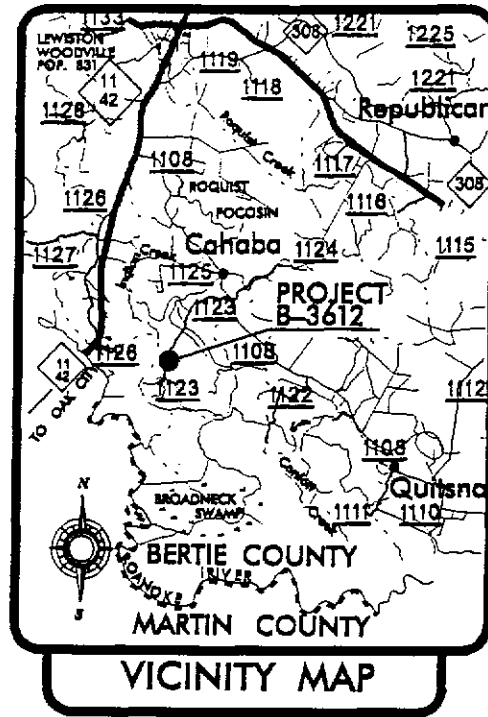
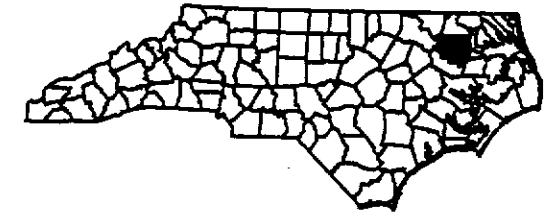
STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

BERTIE COUNTY

LOCATION: BRIDGE No. 143 OVER BRANCH OF INDIAN CREEK ON SR-1123 (BILLIP CLUB ROAD)

TYPE OF WORK: GRADING, DRAINAGE, PAVING, AND STRUCTURES

STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	B-3612	1	
STATE PROJECT	F.A. PROJECT	DESCRIPTION	
8.2010201	BRZ-1123(8)	P.E.	

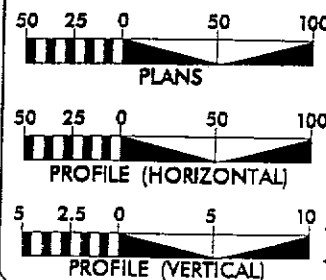


CLEARING ON THIS PROJECT SHALL BE PERFORMED TO THIS LIMITS ESTABLISHED BY METHOD ???

THIS PROJECT IS NOT WITH IN ANY MUNICIPAL BOUNDARIES

INCOMPLETE PLANS
DO NOT USE FOR R/W ACQUISITION
PRELIMINARY PLANS
DO NOT USE FOR CONSTRUCTION

GRAPHIC SCALES



DESIGN DATA

ADT 2001 = 100
ADT 2025 = 200
DHV = 10 %
D = 60 %
T = 3 % *
V = 60 MPH
* TTST 1 % DUAL 2 %
FUNC CLASS = LOCAL

PROJECT LENGTH

LENGTH ROADWAY F.A.PROJECT BRZ-1123(8) = 0.053 MILES
LENGTH STRUCTURE F.A. PROJECT BRZ-1123(8) = 0.010 MILES
TOTAL LENGTH OF STATE PROJECT 8.2010201 = 0.063 MILES

Prepared in the Office of:

DIVISION OF HIGHWAYS

1000 Brock Ridge Dr., NC, 27610

2002 STANDARD SPECIFICATIONS

RIGHT OF WAY DATE:
JUNE, 2003

LETTING DATE:
JUNE 15, 2004

JIMMY GOODNIGHT
PROJECT ENGINEER

LEON OLIVER
PROJECT DESIGN ENGINEER

HYDRAULICS ENGINEER

ROADWAY DESIGN ENGINEER

DIVISION OF HIGHWAYS
STATE OF NORTH CAROLINA

STATE DESIGN ENGINEER
DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION

APPROVED
DIVISION ADMINISTRATOR

DATE

PROJECT: 8.2010201 B-3612

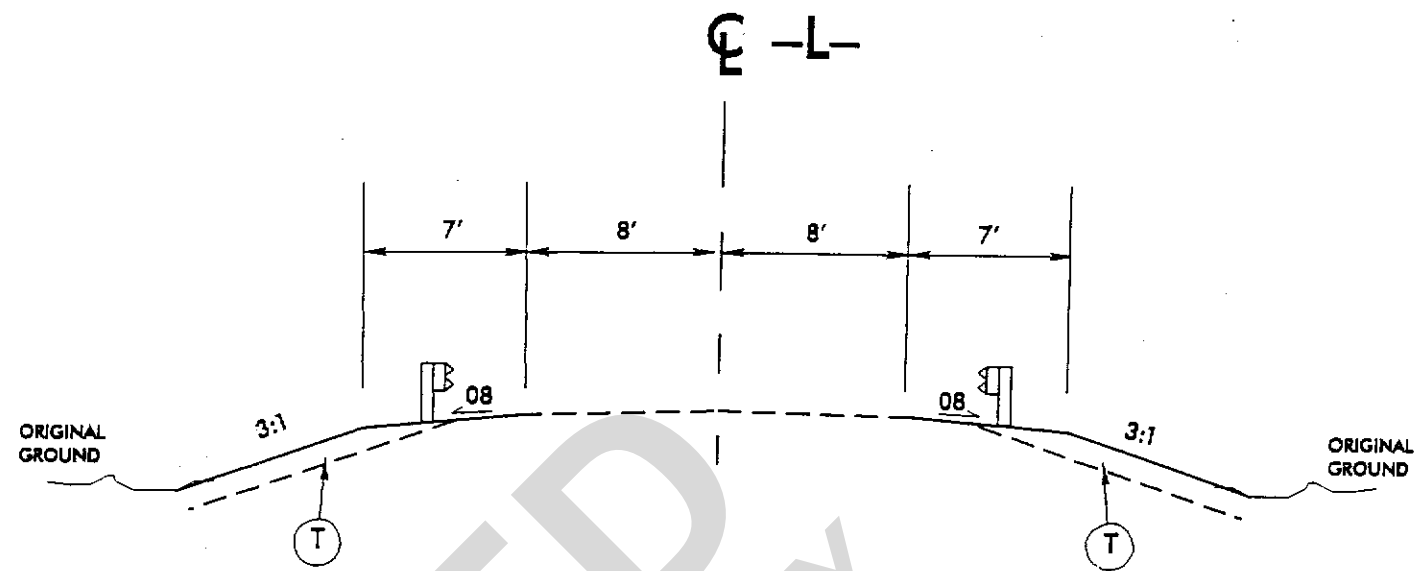
DATE: 03/15/04 BY: JSG/LSH/deg

PAVEMENT SCHEDULE

C1	PROP. APPROX. 1½" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5A, AT AN AVERAGE RATE OF 252 LBS. PER SQ. YD.
E1	PROP. APPROX. 3½" ASPHALT CONCRETE BASE COURSE, TYPE B25.08, AT AN AVERAGE RATE OF 399 LBS. PER SQ. YD.
T	EARTH MATERIAL.

Note: Pavement Edge Slopes are 1:1 Unless Noted Otherwise.

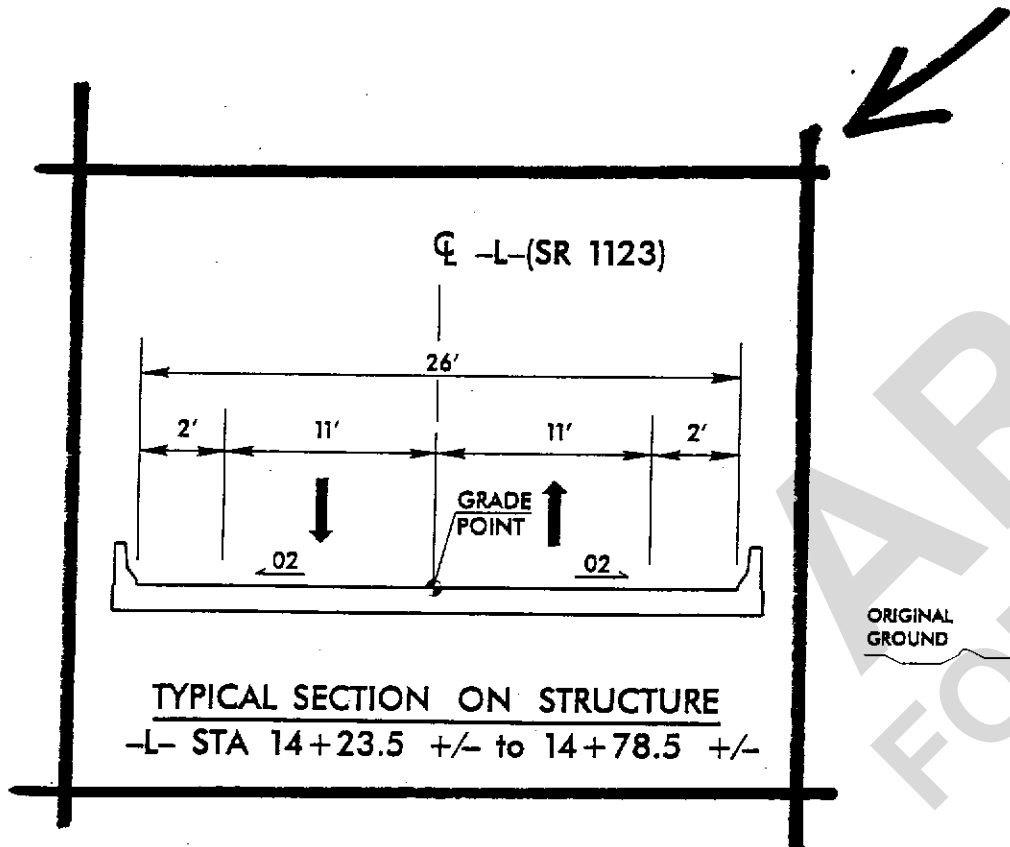
PROJECT REFERENCE NO. B-3612	SHEET NO. 2
ROADWAY DESIGN ENGINEER	PAVEMENT DESIGN ENGINEER
INCOMPLETE PLANS <small>DO NOT USE FOR A/E' ACQUISITION</small>	
PRELIMINARY PLANS <small>DO NOT USE FOR CONSTRUCTION</small>	



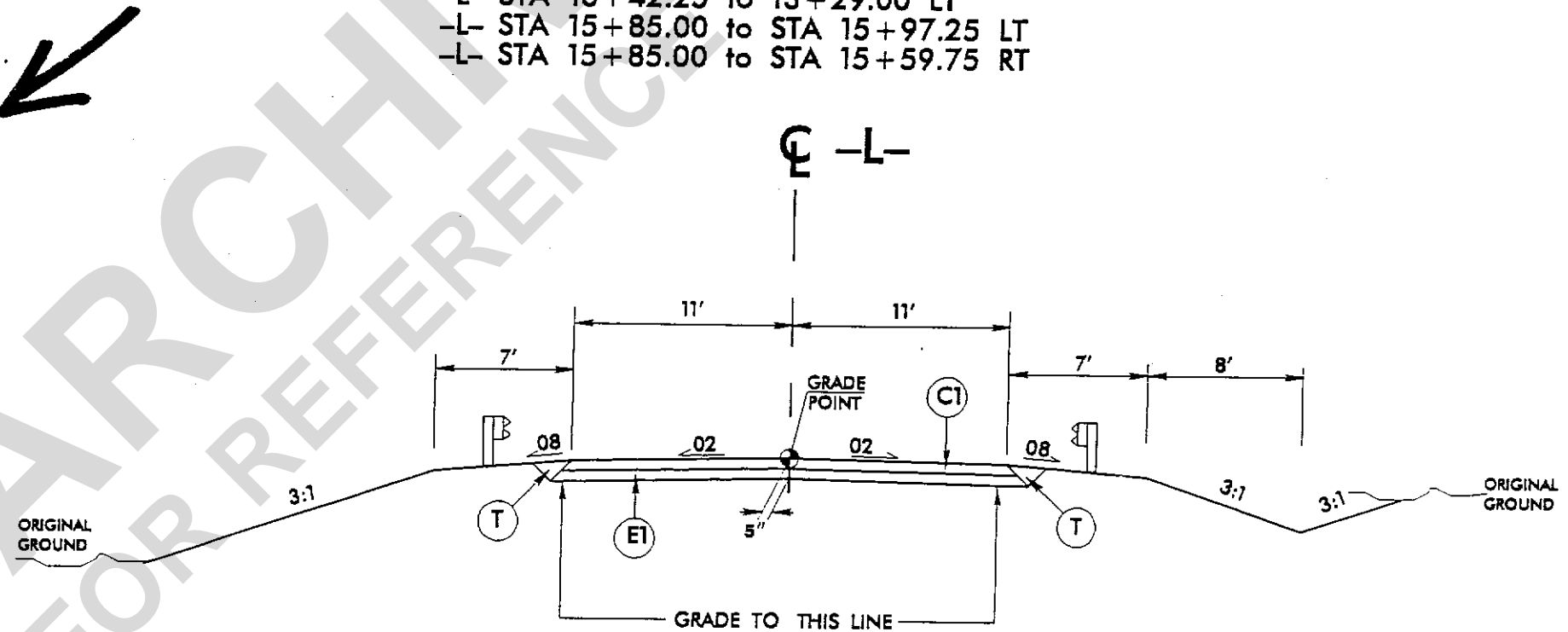
TYPICAL SECTION NO.1

USE TYPICAL SECTION NO. 1 AS FOLLOWS:

- L- STA 13+04.75 to 13+29.00 RT
- L- STA 13+42.25 to 13+29.00 LT
- L- STA 15+85.00 to STA 15+97.25 LT
- L- STA 15+85.00 to STA 15+59.75 RT



TYPICAL SECTION ON STRUCTURE
-L- STA 14+23.5 +/- to 14+78.5 +/-



TYPICAL SECTION NO.2

USE TYPICAL SECTION NO. 2 AS FOLLOWS:

- L- STA 13+29.00 to STA 14+23.50 +/- (Begin Bridge)
- L- STA 14+78.50 +/- (End Bridge) to STA 15+85.00

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