

STATE OF NORTH CAROLINA  
DIVISION OF HIGHWAYS

**GASTON COUNTY**

STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	15BPR.55	1A	
STATE PROJ. NO.	F.A. PROJ. NO.	DESCRIPTION	
15BPR.51		P.E.	
15BPR.51		CONST.	

LOCATION OF BRIDGES: NO. 350046 ON US29 & US74 SBL OVER I-85 NBL  
NO. 350314 ON US29 & US74 SBL OVER I-85 SBL  
NO. 350086 ON US 74 EBL OVER I-85 NBL  
NO. 350066 ON NC 27 OVER THE CATAWBA RIVER

**INDEX OF STRUCTURES SHEETS**

SHEET No. DESCRIPTION

1 TITLE SHEET  
1A INDEX OF SHEETS  
S-1 TOTAL BILL OF MATERIALS

STRUCTURE No. 330046

SHEET No. DESCRIPTION

S1-01 GENERAL DRAWING  
S1-02 GENERAL DRAWING  
S1-03 TYPICAL SECTION  
S1-04 TYPICAL SECTION  
S1-05 THRU S1-10 DECK SURFACE REPAIR  
S1-11 THRU S1-13 DECK UNDERSIDE REPAIR  
S1-14 JOINT DETAILS  
S1-15 JOINT DETAILS  
S1-16 END BENTS  
S1-17 BENT 1  
S1-18 BENT 2

STRUCTURE No. 330314

SHEET No. DESCRIPTION

S2-01 GENERAL DRAWING  
S2-02 GENERAL DRAWING  
S2-03 THRU S2-04 TYPICAL SECTION  
S2-05 THRU S2-07 DECK SURFACE REPAIR  
S2-08 THRU S2-10 DECK UNDERSIDE REPAIR  
S2-11 JOINT DETAILS  
S2-12 END BENTS  
S2-13 BENT 1  
S2-14 BENT 2

STRUCTURE No. 330086

SHEET No. DESCRIPTION

S3-01 GENERAL DRAWING  
S3-02 GENERAL DRAWING  
S3-03 TYPICAL SECTION  
S3-04 THRU S3-06 DECK SURFACE REPAIR  
S3-07 THRU S3-09 DECK UNDERSIDE REPAIR  
S3-10 BEARING KEEPER DETAIL  
S3-11 JOINT DETAILS  
S3-12 END BENT 1  
S3-13 THRU S3-14 BENT 1  
S3-15 THRU S3-16 BENT 2

STRUCTURE No. 330066

SHEET No. DESCRIPTION

S4-01 GENERAL DRAWING  
S4-02 GENERAL DRAWING  
S4-03 GENERAL DRAWING  
S4-04 TYPICAL SECTION  
S4-05 THRU S4-10 DECK SURFACE REPAIR

BRIDGE DETAILS

SHEET No. DESCRIPTION

S-60 THRU S-63 BEAM PLATING REPAIR DETAILS  
OVERHANG, DIAPHRAGM AND BRIDGE  
RAIL REPAIRS DETAILS  
S-64 DECK DRAIN REPAIR DETAILS  
S-65 CROSS FRAME REPAIR DETAILS  
S-66 TYPICAL CAP AND COLUMN REPAIR  
DETAILS  
S-67 STANDARD NOTES

TYPE OF WORK:

BRIDGE PRESERVATION - LATEX MODIFIED CONCRETE-VERY  
EARLY STRENGTH, SILANE FOR DECK & BARRIER RAIL  
TREATMENT, FOAM JOINT REPLACEMENT, POURABLE SILICON  
JOINTS REPLACEMENT, PAINTING & REPAIR STRUCTURAL  
STEEL BEAMS, SHOTCRETE REPAIRS, EPOXY COATING  
SUBSTRUCTURE CAPS, SILANE SUBSTRUCTURE TREATMENT.

Prepared in the Office of:  
**DIVISION OF HIGHWAYS**  
STRUCTURES MANAGEMENT UNIT  
1000 BIRCH RIDGE DR.  
RALEIGH, N.C. 27610

PROJECT: 15BPR.51

CONTRACT NO.: C204452

