

TIP PROJECT: I-5958

CONTRACT NO: C205227

STATE OF NORTH CAROLINA

DIVISION OF HIGHWAYS

ORANGE COUNTY

LOCATION: BRIDGE #670040 ON I-40 & I-85 EBL OVER US-70 CONNECTOR
BRIDGE #670044 ON I-40 & I-85 OVER SR 1120 (MT WILLING RD)
BRIDGE #670052 ON I-40 & I-85 WBL OVER US-70 CONNECTOR
BRIDGE #670081 ON I-85 & NC86 NBL OVER SR 1006 (ORANGE GROVE RD)
BRIDGE #670082 ON I-85 & NC86 SBL OVER SR 1006 (ORANGE GROVE RD)

STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	I-5958	1A	56
STATE PROJ. NO.	F.A. PROJ. NO.	DESCRIPTION	
45910.1.2	-	P.E.	
45910.3.1	4591031	CONST.	
45910.3.2	4591031	CONST.	

INDEX OF STRUCTURES SHEETS

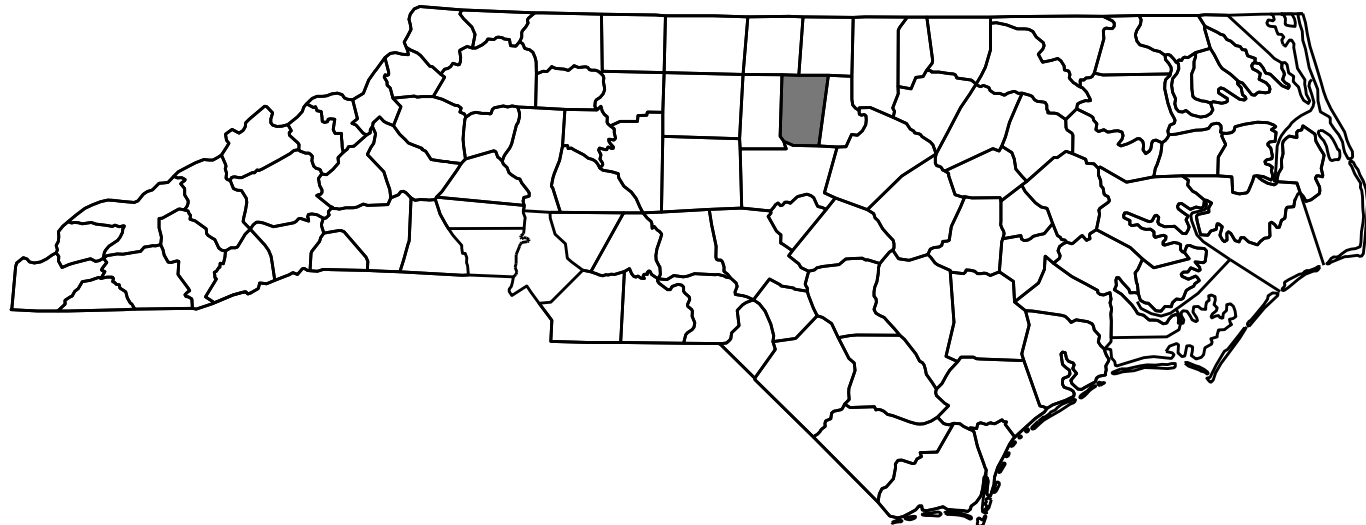
SHEET No. DESCRIPTION
1 TITLE SHEET
1A INDEX OF SHEETS
S-01 LOCATION SKETCHES
S-02 TOTAL BILL OF MATERIALS

STRUCTURE No. 670040
S1-01 GENERAL DRAWING
S1-02 TYPICAL SECTION
S1-03 DECK SURFACE REPAIR
S1-04 DECK UNDERSIDE REPAIR
S1-05 JOINT DETAILS
S1-06 END BENT 1 & 2
S1-07 INCIDENTAL MILLING
STRUCTURE No. 670044
S2-01 GENERAL DRAWING
S2-02 TYPICAL SECTION
S2-03 DECK SURFACE REPAIR
S2-04 DECK UNDERSIDE REPAIR
S2-05 JOINT DETAILS
S2-06 END BENT 1 & 2
S2-07 INCIDENTAL MILLING

SHEET No. DESCRIPTION
STRUCTURE No. 670052
S3-01 GENERAL DRAWING
S3-02 TYPICAL SECTION
S3-03 DECK SURFACE REPAIR
S3-04 DECK UNDERSIDE REPAIR
S3-05 JOINT DETAILS
S3-06 END BENT 1 & 2
S3-07 INCIDENTAL MILLING
STRUCTURE No. 670081
S4-01 GENERAL DRAWING
S4-02 TYPICAL SECTION
S4-03 DECK SURFACE REPAIR SPAN A
S4-04 DECK SURFACE REPAIR SPAN B
S4-05 DECK SURFACE REPAIR SPAN C
S4-06 DECK UNDERSIDE REPAIR SPAN A
S4-07 DECK UNDERSIDE REPAIR SPAN B
S4-08 DECK UNDERSIDE REPAIR SPAN C
S4-09 JOINT DETAILS
S4-10 END BENT 1
S4-11 BENT 1 SPAN A FACE
S4-12 BENT 1 SPAN B FACE
S4-13 BENT 2 SPAN B FACE
S4-14 BENT 2 SPAN C FACE
S4-15 END BENT 2

SHEET No. DESCRIPTION
STRUCTURE No. 670082
S5-01 GENERAL DRAWING
S5-02 TYPICAL SECTION
S5-03 DECK SURFACE REPAIR SPAN A
S5-04 DECK SURFACE REPAIR SPAN B
S5-05 DECK SURFACE REPAIR SPAN C
S5-06 DECK UNDERSIDE REPAIR SPAN A
S5-07 DECK UNDERSIDE REPAIR SPAN B
S5-08 DECK UNDERSIDE REPAIR SPAN C
S5-09 JOINT DETAILS
S5-10 END BENT 1
S5-11 BENT 1 SPAN A FACE
S5-12 BENT 1 SPAN B FACE
S5-13 BENT 2 SPAN B FACE
S5-14 BENT 2 SPAN C FACE
S5-15 END BENT 2

STANDARD SHEETS
SD-54 DECK REPAIR DETAILS
SD-55 OVERHANG & DIAPHRAGM REPAIR DETAILS
SD-56 TYPICAL CAP AND COLUMN REPAIR DETAILS
SN NOTES



TYPE OF WORK:
BRIDGE PRESERVATION - SHOTBLASTING, SCARIFICATION,
POLYMER CONCRETE (PC) BRIDGE DECK OVERLAY, BRIDGE
DECK SURFACE PREPARATION FOR CRACK SEALING,
BRIDGE DECK CRACK SEALING (HMWM), RECONSTRUCTION
OF DECK JOINTS AND FOAM JOINT SEALS FOR
PRESERVATION, CLEANING AND PAINTING EXISTING
WEATHERING STEEL, SUBSTRUCTURE CONCRETE REPAIRS
WITH SHOTCRETE & EPOXY RESIN INJECTION, EPOXY
COATING OF SUBSTRUCTURE CAPS, MILLING ASPHALT
APPROACH ROADWAY

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