

TIP PROJECT: I-5915B

CONTRACT: C204804

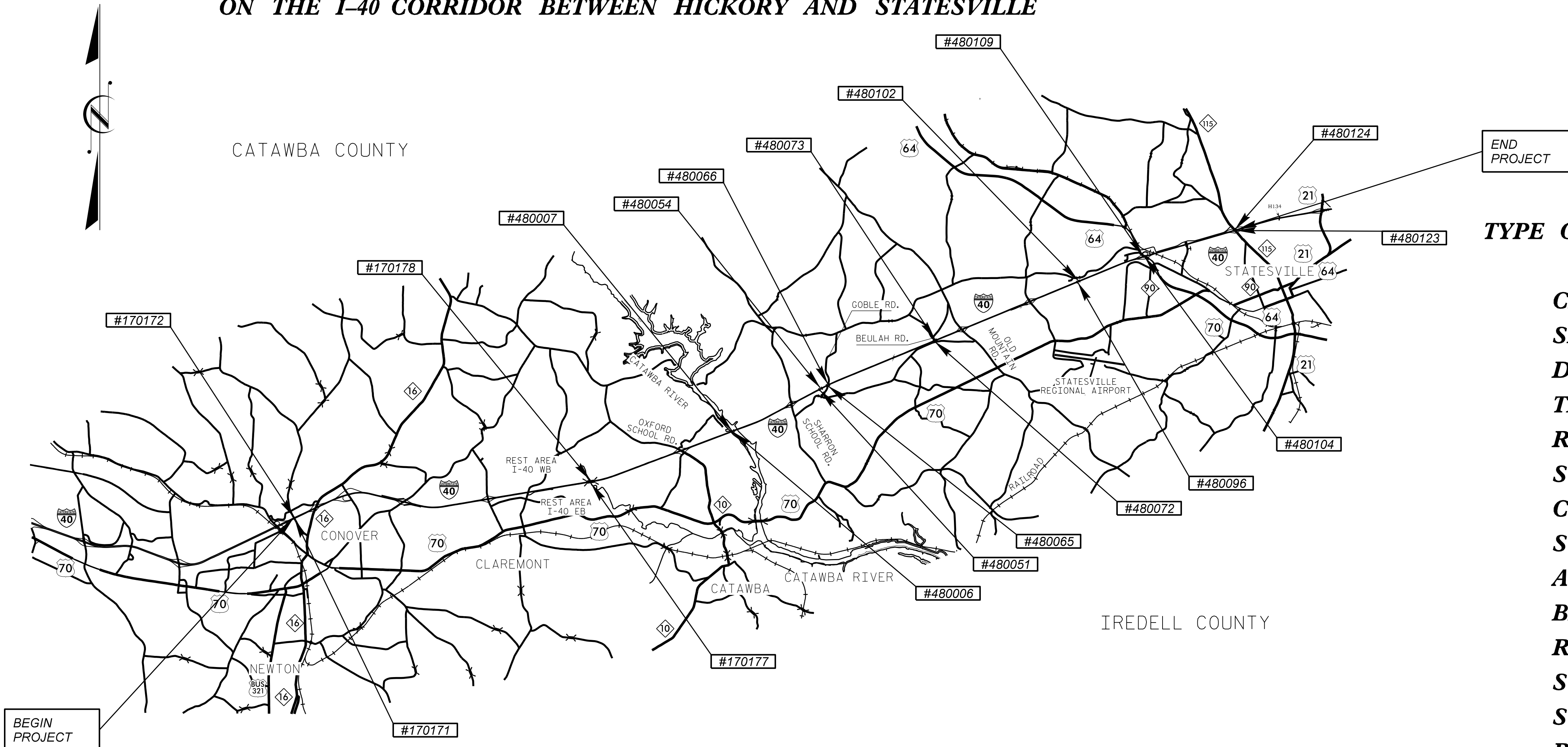
STATE OF NORTH CAROLINA

DIVISION OF HIGHWAYS

CATAWBA & IREDELL COUNTIES

STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	I-5915B	1	214
STATE PROJ. NO.	F.A. PROJ. NO.	DESCRIPTION	
45919.1.1	0040102	P.E.	
45919.3.3	0040102	CONST.	

LOCATION: BRIDGES 170171, 170172, 170177, 170178, 480006, 480007, 480051, 480054, 480065, 480066, 480072, 480073, 480096, 480102, 480104, 480109, 480123, 480124 ON THE I-40 CORRIDOR BETWEEN HICKORY AND STATESVILLE



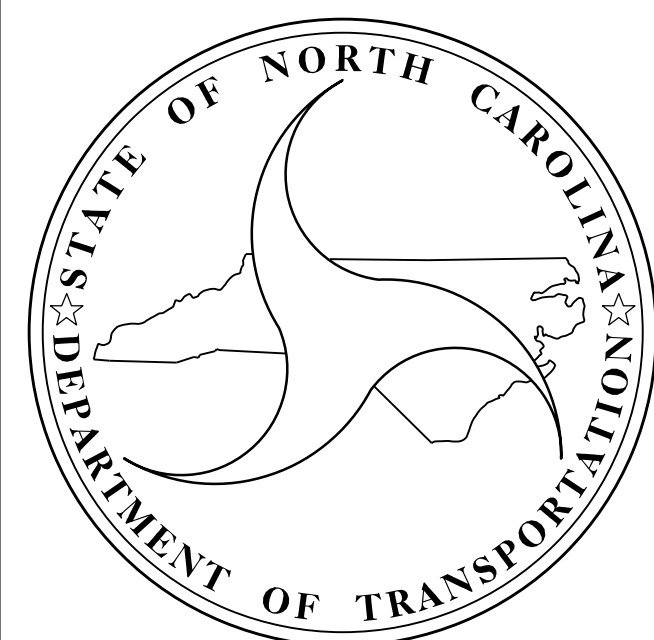
TYPE OF WORK: BRIDGE PRESERVATION

CLEANING DEBRIS FROM SHOULDERS, SLOPES, AND SUBSTRUCTURE; DECK REPAIRS; SILANE DECK TREATMENT; JOINT REPAIRS / REPLACEMENT; ADD ASPHALT WEARING SURFACE (AWS); LATEX MODIFIED CONCRETE OVERLAY - VERY EARLY STRENGTH; BRIDGE JACKING, CLEANING AND PAINTING EXISTING STEEL BEARINGS AND GIRDER ENDS; BEARING REPAIR; EPOXY RESIN INJECTION; SUPERSTRUCTURE REPAIRS; SUBSTRUCTURE REPAIRS, EROSION REMEDIATION, APPROACH ROADWAY MILLING AND RESURFACING

STRUCTURES

DESIGN DATA & PROJECT LENGTH

BRIDGE #170171	ADT	2017	=	30,000	LENGTH	=	0.026	MI.	BRIDGE #480072	ADT	2013	=	20,250	LENGTH	=	0.023	MI.	
BRIDGE #170172	ADT	2017	=	30,000	LENGTH	=	0.030	MI.	BRIDGE #480073	ADT	2013	=	20,250	LENGTH	=	0.023	MI.	
BRIDGE #170177	ADT	2019	=	21,000	LENGTH	=	0.034	MI.	BRIDGE #480096	ADT	2013	=	21,500	LENGTH	=	0.034	MI.	
BRIDGE #170178	ADT	2019	=	21,000	LENGTH	=	0.034	MI.	BRIDGE #480102	ADT	2013	=	21,500	LENGTH	=	0.034	MI.	
BRIDGE #480006	ADT	2013	=	19,500	LENGTH	=	0.172	MI.	BRIDGE #480104	ADT	2013	=	24,000	LENGTH	=	0.045	MI.	
BRIDGE #480007	ADT	2013	=	19,500	LENGTH	=	0.173	MI.	BRIDGE #480109	ADT	2013	=	22,750	LENGTH	=	0.045	MI.	
BRIDGE #480051	ADT	2013	=	19,500	LENGTH	=	0.034	MI.	BRIDGE #480123	ADT	2013	=	25,250	LENGTH	=	0.025	MI.	
BRIDGE #480054	ADT	2013	=	19,500	LENGTH	=	0.034	MI.	BRIDGE #480124	ADT	2013	=	26,500	LENGTH	=	0.025	MI.	
BRIDGE #480065	ADT	2013	=	19,500	LENGTH	=	0.035	MI.										
BRIDGE #480066	ADT	2013	=	19,500	LENGTH	=	0.035	MI.										



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

2018 STANDARD SPECIFICATIONS

LETTING DATE :

JANUARY 17, 2023

DIEGO A. AGUIRRE, PhD, PE
 PROJECT ENGINEER

FIDEL L. FLORES, E.I.
 PROJECT DESIGN ENGINEER