

STATE OF NORTH CAROLINA DIVISION OF HIGHWAYS

MECKLENBURG COUNTY

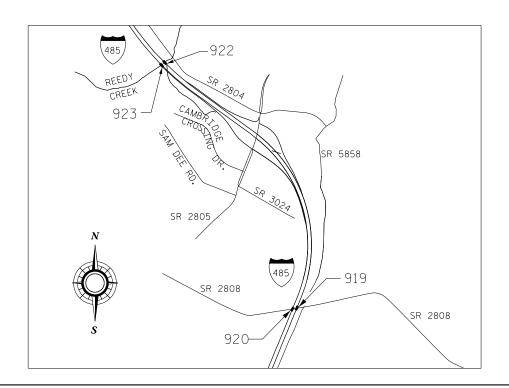
LOCATION: BRIDGE #919 ON I-485 NBL OVER SR 2808

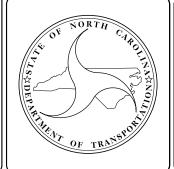
BRIDGE #920 ON I-485 SBL OVER SR 2808

BRIDGE #922 ON I-485 NBL OVER REEDY CREEK BRIDGE #923 ON I-485 SBL OVER REEDY CREEK

STATE	57	FATE PROJECT REFERENCE NO.		SHEET NO.	TOTAL SHEETS
N.C.		I-5960		1	
STATE PROJ. NO.		F. A. PROJ. NO.	Т	DESCRIPTION	
44797.1.1				PE	
44797.3.1				CONST.	

TYPE OF WORK: BRIDGE PRESERVATION - EPOXY OVERLAY OF EXISTING BRIDGE DECKS





DESIGN DATA #919 ADT 2012 =

BRIDGE #919 ADT 2012 = 22,500 BRIDGE #920 ADT 2012 = 22,500 BRIDGE #922 ADT 2012 = 23,500 BRIDGE #923 ADT 2012 = 23,500 PROJECT LENGTH

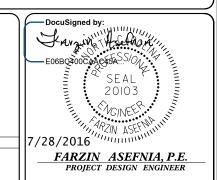
BRIDGE #919 = .035 MILE BRIDGE #920 = .031 MILE BRIDGE #922 = .036 MILE BRIDGE #923 = .036 MILE Prepared in the Office of: **DEPARTMENT OF TRANSPORTATION DIVISION OF HIGHWAYS**

STRUCTURES MANAGEMENT UNIT 1000 BIRCH RIDGE DR. RALEIGH, N.C. 27610

E. E. MURRAY, P.E.
PROJECT ENGINEER

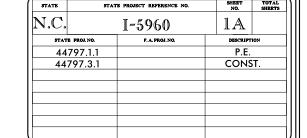
2012 STANDARD SPECIFICATIONS

LETTING DATE: NOVEMBER 16, 2016



STATE OF NORTH CAROLINA DIVISION OF HIGHWAYS

MECKLENBURG COUNTY



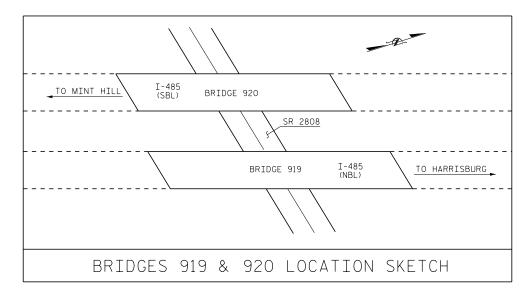
LOCATION:	BRIDGE	#919 ON	I-485	(NORTH)	OVER	SR	2808
	RRIDGE	#920 ON	I_485	(SOUTH)	OVER	SR	2808

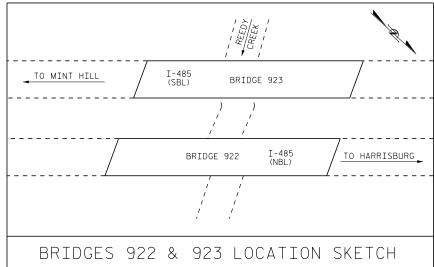
BRIDGE #920 ON 1-485 (SOUTH) OVER SR 2808
BRIDGE #922 ON 1-485 (NORTH) OVER REEDY CREEK
BRIDGE #923 ON 1-485 (SOUTH) OVER REEDY CREEK

TYPE OF WORK: BRIDGE PRESERVATION - EPOXY OVERLAY OF EXISTING BRIDGE DECKS

INDEX OF SHEETS

1	TITLE SHEET				
<i>1A</i>	INDEX OF SHEETS				
S-1 - S-11	STRUCTURAL PLANS				
SN	STANDARD NOTES				





TOTAL BILL OF MATERIAL								
MECKLENBURG COUNTY BRIDGE NO.	FOAM JOINT SEALS	*CONCRETE DECK REPAIR FOR EPOXY OVERLAY	EPOXY OVERLAY SYSTEM- MECHANICALLY DISTRIBUTED	BRIDGE JOINT DEMOLITION	ELASTOMERIC CONCRETE			
	LUMP SUM	SQ.FT.	SQ.FT.	SQ.FT.	CU.FT.			
919	LUMP SUM	5	10,239	129	32			
920	LUMP SUM	5	9,042	129	32			
922	LUMP SUM	5	12,717	180	60			
923	LUMP SUM	5	12,717	180	60			
TOTAL	LUMP SUM	20	44,715	618	184			

^{*} CONCRETE DECK REPAIR FOR EPOXY OVERLAY IS NOT ANTICIPATED. TOKEN PAY ITEMS ARE INDICATED FOR PRICING PURPOSE IN CASE UNANTICIPATED REPAIR AREAS ARE ENCOUNTERED.

NOTES

INFORMATION INDICATED ON THE LOCATION SKETCH SHALL BE CONSIDERED GENERAL INFORMATION ONLY. THE CONTRACTOR SHALL CONFIRM, THROUGH OTHER SOURCES, SPECIFIC INFORMATION REGARDING THE BRIDGES, ROADWAYS, UTLITIES, THE SURROUNDING AREA AND ANY OTHER ASPECTS THAT MAY BE NECESSARY TO PERFORM AND COMPLETE THE PROJECT.

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.

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

IT IS THE CONTRACTOR'S RESPONSIBLITY TO FOLLOW ALL STATE AND FEDERAL SAFETY REDULTREMENTS

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

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

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 EPOXY OVERLAY SYSTEM-MECHANICALLY DISTRIBUTED, SEE SPECIAL PROVISIONS.

FOR CONCRETE DECK REPAIR FOR EPOXY OVERLAY SYSTEM, SEE SPECIAL PROVISIONS.

FOR BRIDGE JOINT DEMOLITION, SEE SPECIAL PROVISIONS.

FOR ELASTOMERIC CONCRETE, SEE SPECIAL PROVISIONS.

FOR FOAM JOINT SEALS, SEE SPECIAL PROVISIONS.

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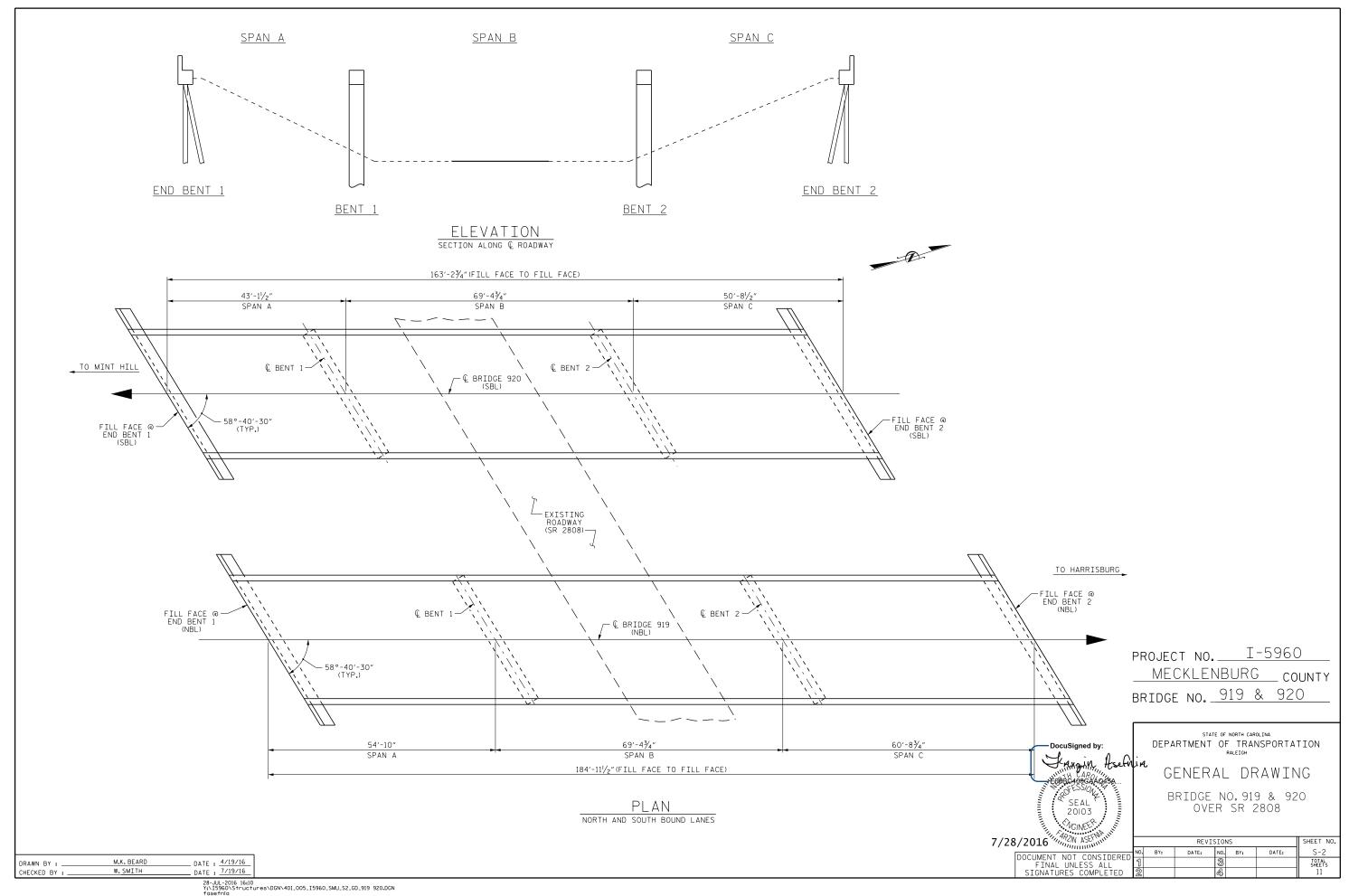
STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH

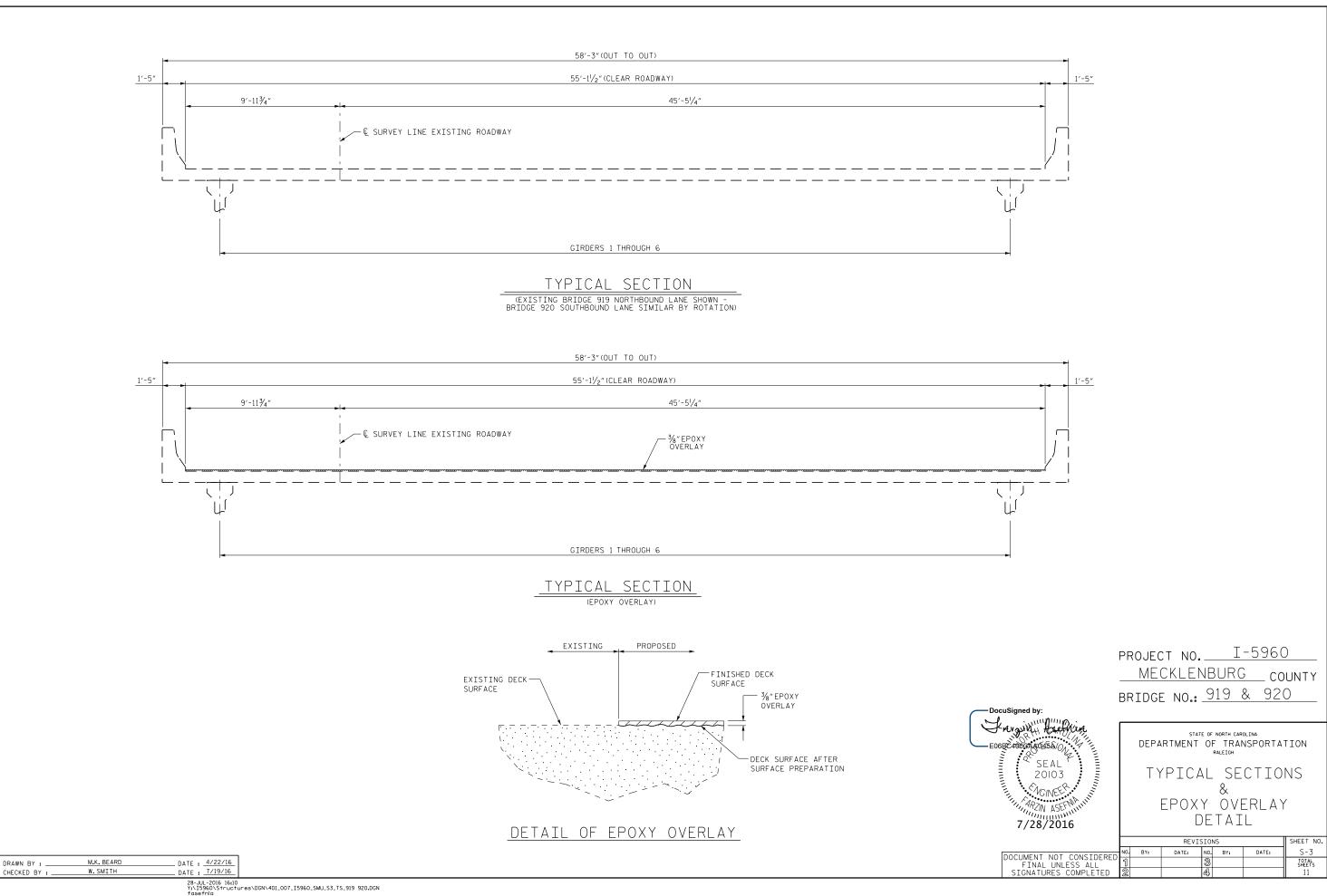
LOCATION SKETCHES & TOTAL BILL OF MATERIAL

7/28/2010		REVISIONS					SHEET NO.
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FINAL UNLESS ALL	1			3			TOTAL SHEETS
SIGNATURES COMPLETED	2			4			11

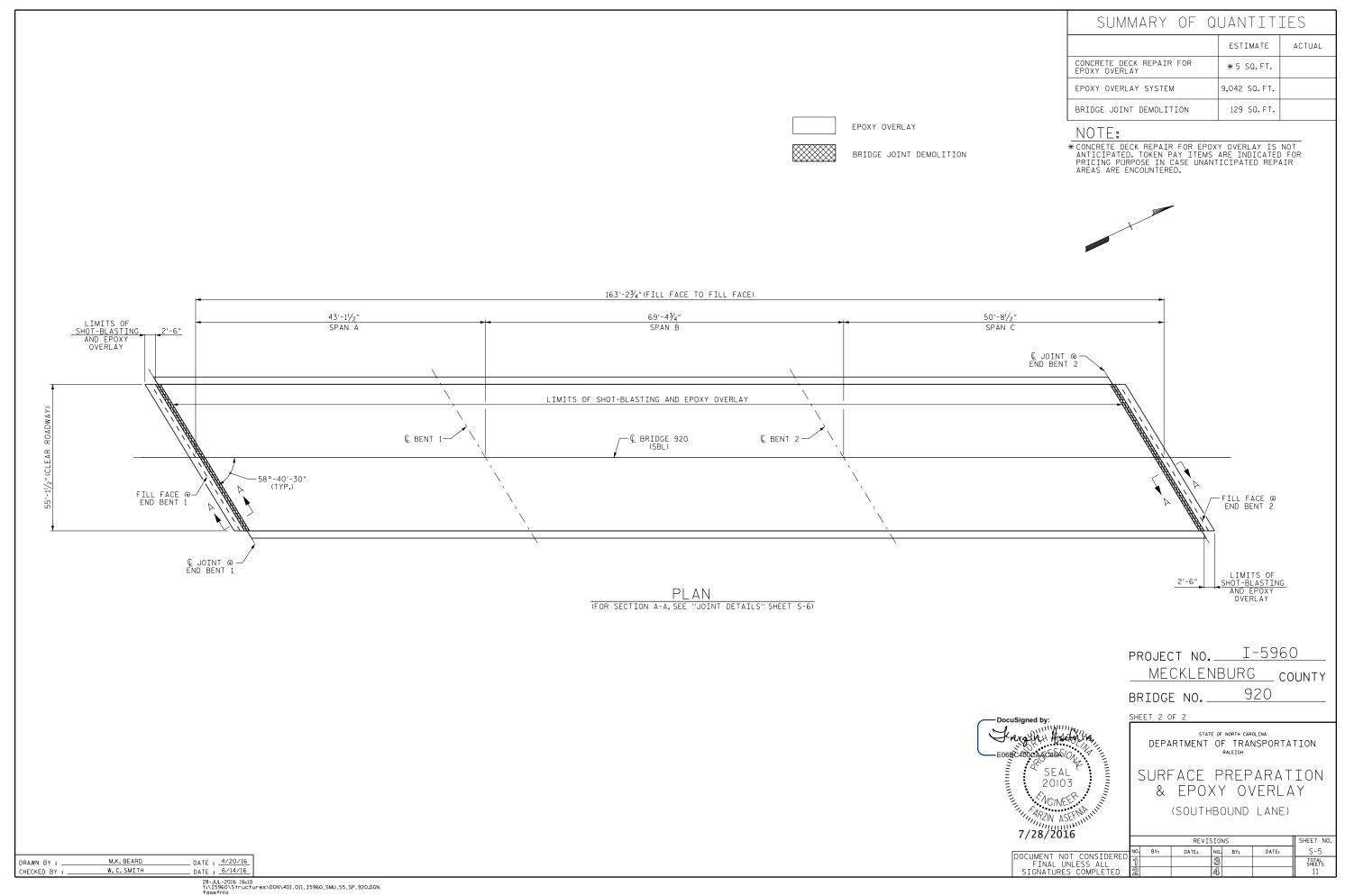
 DRAWN BY:
 M.K. BEARD
 DATE:
 4/20/16

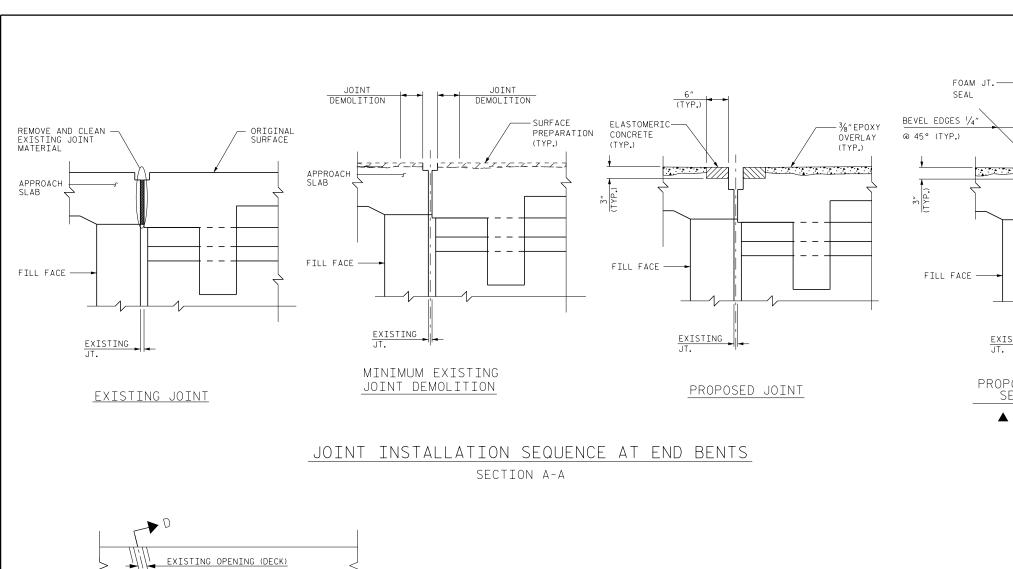
 CHECKED BY:
 W. C. SMITH
 DATE:
 6/15/16

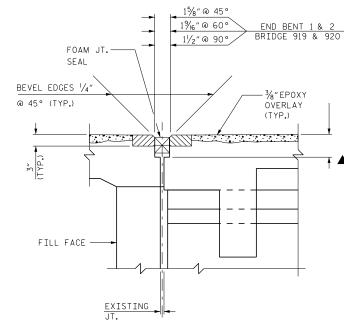




SUMMARY OF QUANTITIES ESTIMATE ACTUAL CONCRETE DECK REPAIR FOR EPOXY OVERLAY *5 SQ.FT. EPOXY OVERLAY SYSTEM 10,239 SQ.FT. EPOXY OVERLAY BRIDGE JOINT DEMOLITION 129 SQ.FT. BRIDGE JOINT DEMOLITION NOTE: *CONCRETE DECK REPAIR FOR EPOXY OVERLAY IS NOT ANTICIPATED. TOKEN PAY ITEMS ARE INDICATED FOR PRICING PURPOSE IN CASE UNANTICIPATED REPAIR AREAS ARE ENCOUNTERED. $184'-11\frac{1}{2}$ "(FILL FACE TO FILL FACE) 60′-8¾″ 69′-4¾″ 54'-10" LIMITS OF SHOT-BLASTING AND EPOXY OVERLAY SPAN A SPAN B SPAN C 2'-6" € JOINT @ -END BENT 2 LIMITS OF SHOT-BLASTING AND EPOXY OVERLAY 55'-11/2"(CLEAR ROADWAY) −Ç BRIDGE 919 (NBL) € BENT 1-€ BENT 2--58°-40′-30″ (TYP.) FILL FACE @ END BENT 2 FILL FACE @-END BENT 1 LIMITS OF SHOT-BLASTING © JOINT @-END BENT 1 AND EPOXY OVERLAY PLAN (FOR SECTION A-A, SEE "JOINT DETAILS" SHEET S-6) PROJECT NO. I-5960 MECKLENBURG COUNTY 919 BRIDGE NO.__ SHEET 1 OF 2 STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION SEAL 3 SURFACE PREPARATION & EPOXY OVERLAY (NORTHBOUND LANE) 7/28/2016 REVISIONS SHEET NO. DATE: NO. BY: DATE: DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED DATE : 4/20/16 DATE : 6/14/16 TOTAL SHEETS 11 M.K. BEARD DRAWN BY : ___ CHECKED BY : . W.C.SMITH







PROPOSED FOAM JOINT SEAL EXPANSION

SAW CUT SHALL BE ¾4"
BELOW THE BOTTOM OF
THE JOINT SEAL. SEE
MANUFACTURER
RECOMMENDATIONS

PROJECT NO. I-5960

MECKLENBURG county
BRIDGE NO.: 919 & 920

CONTRACTOR SHALL FIELD VERIFY
THE EXISTING FORMED OPENING
PRIOR TO OBTAINING JOINT
MATERIAL.

FOR FOAM JOINT SEALS, SEE SPECIAL PROVISIONS.

FOR ELASTOMERIC CONCRETE, SEE SPECIAL PROVISIONS.

RETAIN ALL EXISTING REINFORCING STEEL.CLEAN AND REPAIR AS NEEDED.

THE WIDTH OF THE UNCOMPRESSED FOAM JOINT MATERIAL SHALL BE

E06BS 4000 ANCES SEAL 20103

7/28/2016

STATE OF NORTH CAROLINA

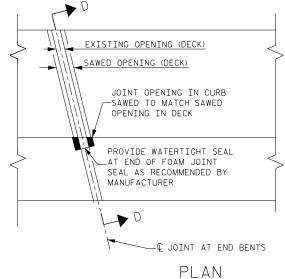
DEPARTMENT OF TRANSPORTATION
RALEIGH

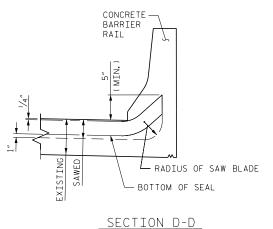
SUPERSTRUCTURE

JOINT DETAILS

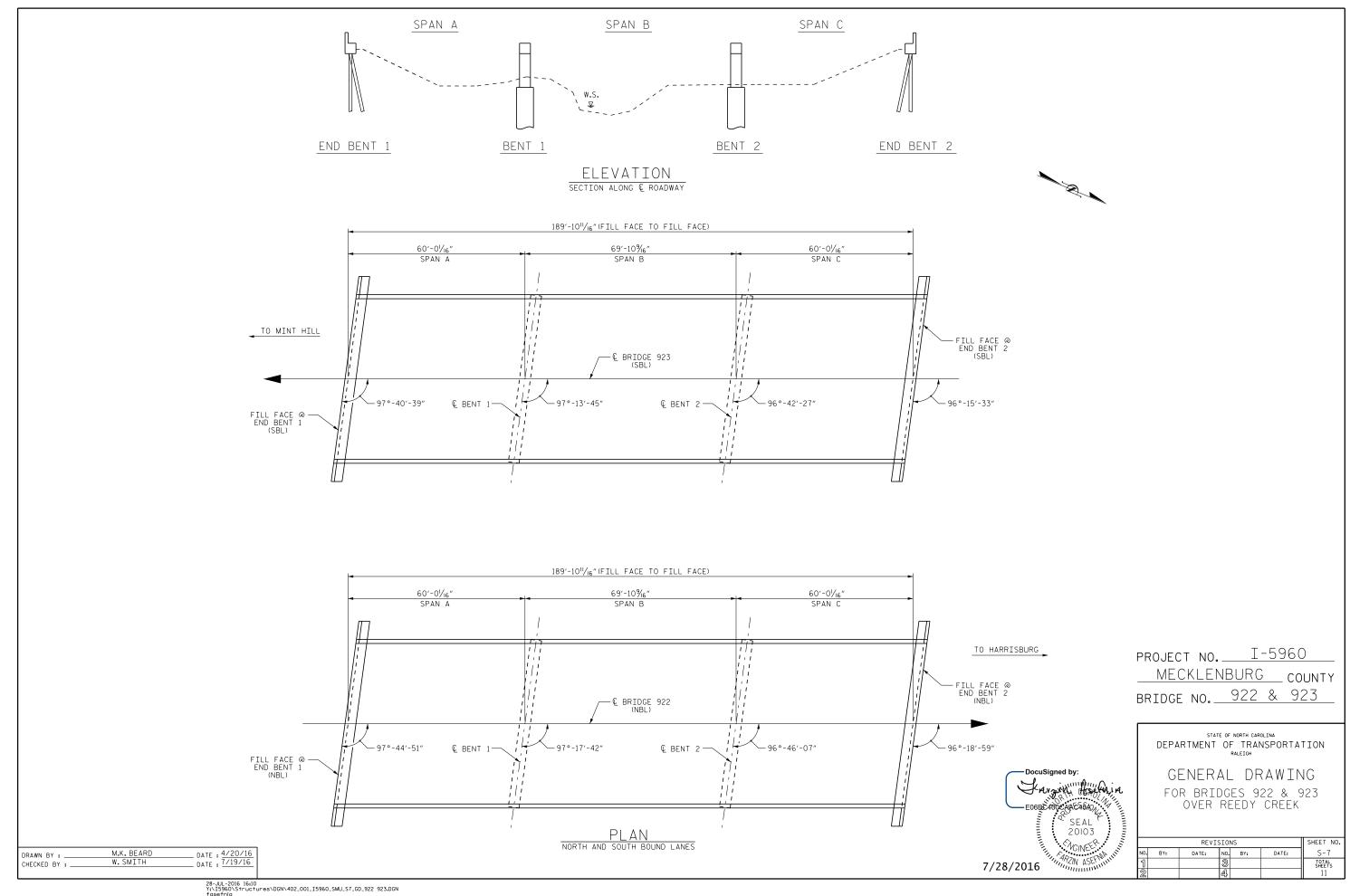
REVISIONS SHEET NO.

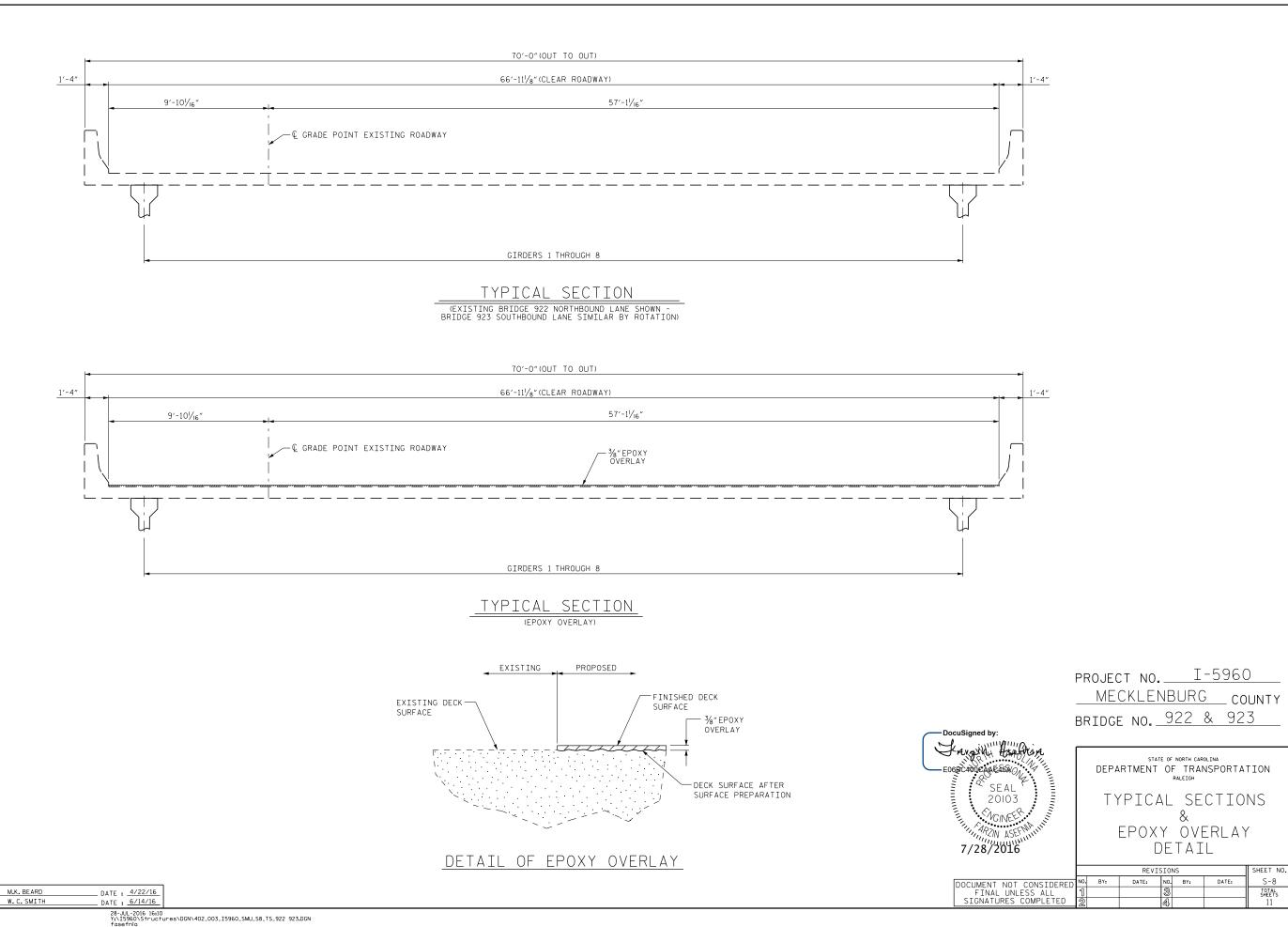
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DRAWN BY: M.K.BEARD DATE: 4/20/16
CHECKED BY: W.SMITH DATE: 7/19/16





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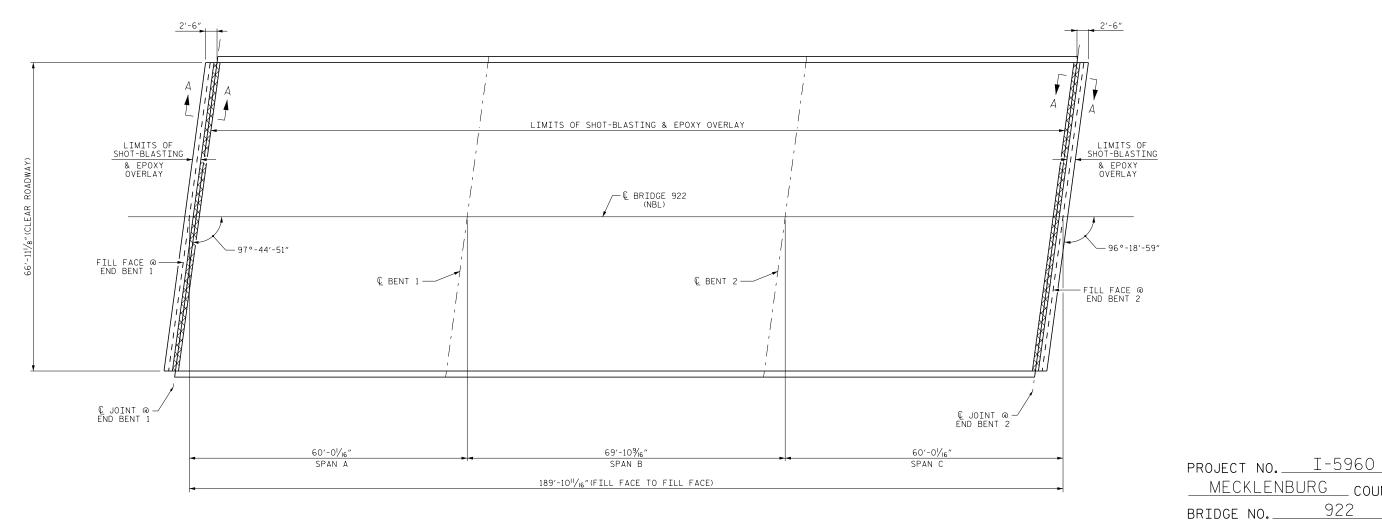
SUMMARY OF QUANTITIES CONCRETE DECK REPAIR FOR EPOXY OVERLAY *5 SQ.FT. EPOXY OVERLAY SYSTEM 12,717 SQ.FT. BRIDGE JOINT DEMOLITION 180 SQ.FT.

NOTE:

EPOXY OVERLAY

BRIDGE JOINT DEMOLITION

*CONCRETE DECK REPAIR FOR EPOXY OVERLAY IS NOT ANTICIPATED. TOKEN PAY ITEMS ARE INDICATED FOR PRICING PURPOSE IN CASE UNANTICIPATED REPAIR AREAS ARE ENCOUNTERED.



PLAN (FOR SECTION A-A, SEE "JOINT DETAILS" SHEET S-11) 7/28/2016

STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION

MECKLENBURG COUNTY

922

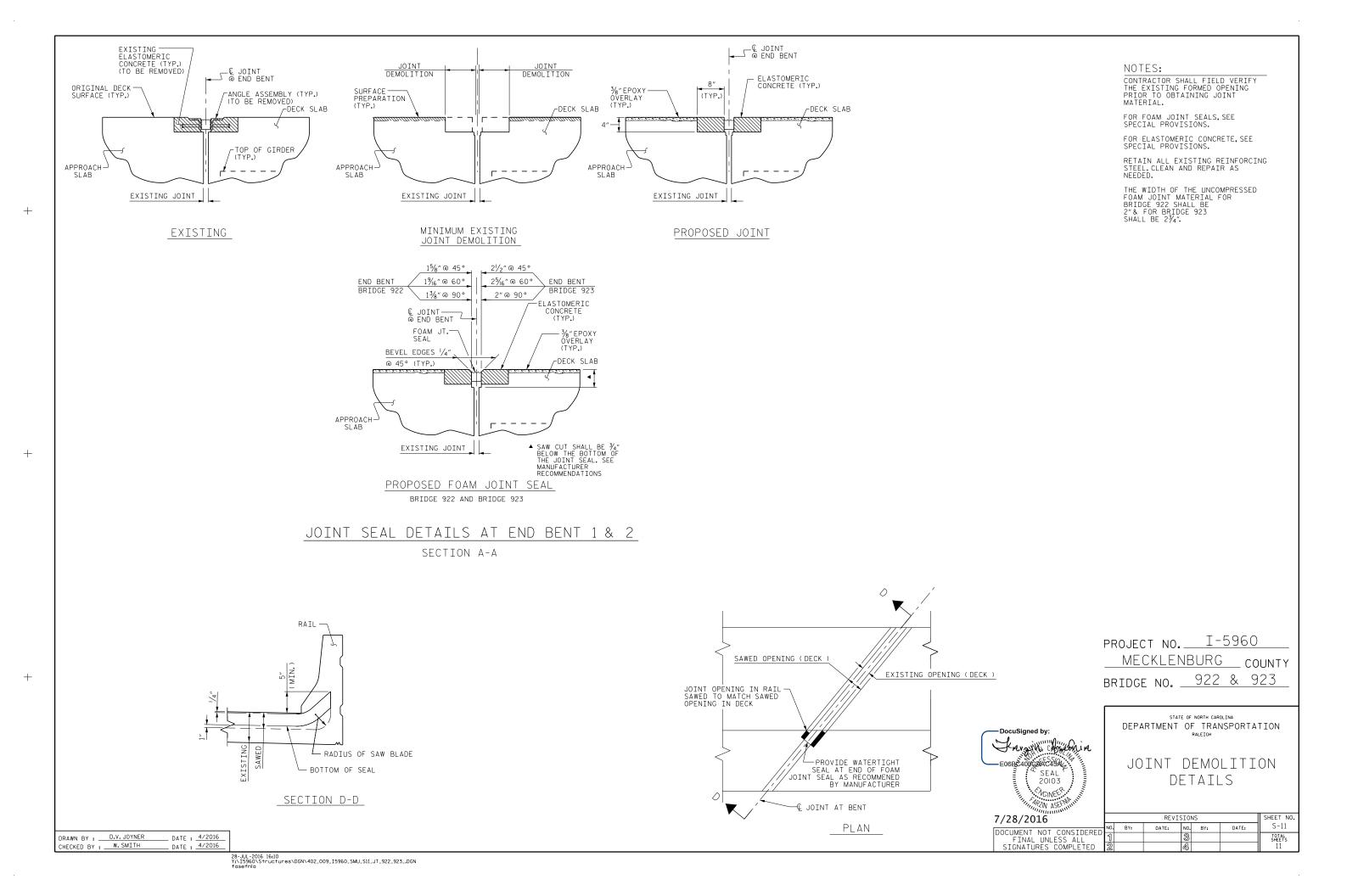
SURFACE PREPARATION & EPOXY OVERLAY (NORTHBOUND LANE)

REVISIONS SHEET NO. DATE: NO. BY: DATE: DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED TOTAL SHEETS

SHEET 1 OF 2

DATE : 4/20/16 DATE : 6/14/16 M.K. BEARD DRAWN BY : _ CHECKED BY : .

SUMMARY OF QUANTITIES ESTIMATE CONCRETE DECK REPAIR FOR EPOXY OVERLAY *5 SQ.FT. EPOXY OVERLAY EPOXY OVERLAY SYSTEM 12,717 SQ.FT. BRIDGE JOINT DEMOLITION BRIDGE JOINT DEMOLITION 180 SQ.FT. NOTE: *CONCRETE DECK REPAIR FOR EPOXY OVERLAY IS NOT ANTICIPATED. TOKEN PAY ITEMS ARE INDICATED FOR PRICING PURPOSE IN CASE UNANTICIPATED REPAIR AREAS ARE ENCOUNTERED. 2'-6" LIMITS OF SHOT-BLASTING & EPOXY OVERLAY LIMITS OF SHOT-BLASTING LIMITS OF SHOT-BLASTING & EPOXY OVERLAY -© BRIDGE 923 (SBL) - 97°-40′-39″ FILL FACE @ END BENT 1 € BENT 1 © BENT 2-FILL FACE @ END BENT 2 € JOINT @ END BENT 1 € JOINT @ END BENT 2 60'-01/_{16"} 69′-10%6″ 60′-0[|]/₁₆″ PROJECT NO. I-5960 SPAN A SPAN C 189'-10"/16"(FILL FACE TO FILL FACE) MECKLENBURG COUNTY 923 BRIDGE NO._ PLAN SHEET 2 OF 2 (FOR SECTION B-B, SEE "JOINT DETAILS" SHEET S-11) STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION SURFACE PREPARATION & EPOXY OVERLAY (SOUTHBOUND LANE) 7/28/2016 REVISIONS SHEET NO. _ DATE : 4/20/16 _ DATE : 6/14/16 DATE: NO. BY: DATE: M.K. BEARD DRAWN BY : _ DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED TOTAL SHEETS 11 CHECKED BY : .



STANDARD NOTES

DESIGN DATA:

SPECIFICATIONS ---- A.A.S.H.T.O. (CURRENT) LIVE LOAD ---- SEE PLANS IMPACT ALLOWANCE ---- SEE A.A.S.H.T.O. STRESS IN EXTREME FIBER OF STRUCTURAL STEEL - AASHTO M270 GRADE 36 - 20,000 LBS. PER SQ. IN. - AASHTO M270 GRADE 50W - 27,000 LBS. PER SQ. IN. - AASHTO M270 GRADE 50 - 27,000 LBS. PER SQ. IN. REINFORCING STEEL IN TENSION GRADE 60 - - 24,000 LBS. PER SQ. IN. CONCRETE IN COMPRESSION - - - - - - - - 1,200 LBS, PFR SQ, TN, ---- SEE A.A.S.H.T.O. CONCRETE IN SHEAR STRUCTURAL TIMBER - TREATED OR

UNTREATED - EXTREME FIBER STRESS - - - - - 1,800 LBS. PER SO. IN.

OF TIMBER - - - -

375 LBS. PER SQ. IN.

30 LBS. PER CU. FT. (MINIMUM)

COMPRESSION PERPENDICULAR TO GRAIN

MATERIAL AND WORKMANSHIP:

EQUIVALENT FLUID PRESSURE OF EARTH - - - -

EXCEPT AS MAY OTHERWISE BE SPECIFIED ON PLANS OR IN THE SPECIAL PROVISIONS, ALL MATERIAL AND WORKMANSHIP SHALL BE IN ACCORDANCE WITH THE 2012 "STANDARD SPECIFICATIONS FOR ROADS AND STRUCTURES" OF THE N.C. DEPARTMENT OF TRANSPORTATION.

STEEL SHEET PILING FOR PERMANENT OR TEMPORARY APPLICATIONS SHALL BE HOT ROLLED.

CONCRETE:

UNLESS OTHERWISE REQUIRED ON PLANS, CLASS A CONCRETE SHALL BE USED FOR ALL PORTIONS OF ALL STRUCTURES WITH THE EXCEPTION THAT: CLASS AA CONCRETE SHALL BE USED IN BRIDGE SUPERSTRUCTURES, ABUTMENT BACKWALLS, AND APPROACH SLABS; AND CLASS B CONCRETE SHALL BE USED FOR SLOPE PROTECTION AND RIP RAP.

CONCRETE CHAMFERS:

UNLESS OTHERWISE NOTED ON THE PLANS, ALL EXPOSED CORNERS ON STRUCTURES SHALL BE CHAMFERED 3/4"WITH THE FOLLOWING EXCEPTIONS: TOP CORNERS OF CURBS MAY BE ROUNDED TO 1-1/2"RADIUS WHICH IS BUILT INTO CURB FORMS; CORNERS OF TRANSVERSE FLOOR EXPANSION JOINTS SHALL BE ROUNDED WITH A 1/4"FINISHING TOOL UNLESS OTHERWISE REQUIRED ON PLANS; AND CORNERS OF EXPANSION JOINTS IN THE ROADWAY FACES AND TOPS OF CURBS AND SIDEWALKS SHALL BE ROUNDED TO A 1/4"RADIUS WITH A FINISHING STONE OR TOOL UNLESS OTHERWISE REQUIRED ON PLANS.

DOWELS WHEN INDICATED ON PLANS AS FOR CULVERT EXTENSIONS, SHALL BE EMBEDDED AT LEAST 12" INTO THE OLD CONCRETE AND GROUTED INTO PLACE WITH 1:2 CEMENT MORTAR.

ALLOWANCE FOR DEAD LOAD DEFLECTION, SETTLEMENT, ETC. IN CASTING SUPERSTRUCTURES:

BRIDGES SHALL BE BUILT ON THE GRADE OR VERTICAL CURVE SHOWN ON PLANS.
SLABS, CURBS AND PARAPETS SHALL CONFORM TO THE GRADE OR CURVE.

ALL DIMENSIONS WHICH ARE GIVEN IN SECTION AND ARE AFFECTED BY DEAD LOAD DEFLECTIONS ARE DIMENSIONS AT CENTER LINE OF BEARING UNLESS OTHERWISE NOTED ON PLANS. IN SETTING FORMS FOR STEEL BEAM BRIDGES AND PRESTRESSED CONCRETE GIRDER BRIDGES, ADJUSTMENTS SHALL BE MADE DUE TO THE DEAD LOAD DEFLECTIONS FOR THE ELEVATIONS SHOWN. WHERE BLOCKS ARE SHOWN OVER BEAMS FOR BUILDING UP TO THE SLAB, THE VERTICAL DIMENSIONS OF THE BLOCKS SHALL BE ADJUSTED BETWEEN BEARINGS TO COMPENSATE FOR DEAD LOAD DEFLECTIONS, VERTICAL CURVE ORDINATE, AND ACTUAL BEAM CAMBER. WHERE BOTTOM OF SLAB IS IN LINE WITH BOTTOM OF TOP FLANGES, DEPTH OF SLAB BETWEEN BEARINGS SHALL BE ADJUSTED TO COMPENSATE FOR DEAD LOAD DEFLECTION, VERTICAL CURVE ORDINATE, AND ACTUAL BEAM CAMBER.

TO COMPENSATE FOR DEAD LOAD DEFLECTION, VERTICAL CURVE ORDINATE, AND ACTUAL BEAM CAMBER.

IN SETTING FALSEWORK AND FORMS FOR REINFORCED CONCRETE SPANS, AN ALLOWANCE SHALL BE MADE FOR DEAD LOAD DEFLECTIONS, SETTLEMENT OF FALSEWORK, AND PERMANENT CAMBER WHICH SHALL BE PROVIDED FOR IN ADDITION TO THE ELEVATIONS SHOWN. AFTER REMOVAL OF THE FALSEWORK, THE FINISHED STRUCTURES SHALL CONFORM TO THE PROFILE AND ELEVATIONS SHOWN ON THE PLANS AND CONSTRUCTION ELEVATIONS FURNISHED BY THE ENGINEER.

DETAILED DRAWINGS FOR FALSEWORK OR FORMS FOR BRIDGE SUPERSTRUCTURE AND ANY STRUCTURE OR PARTS OF A STRUCTURE AS NOTED ON THE PLANS SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL BEFORE CONSTRUCTION OF THE FALSEWORK OR FORMS IS STARTED.

REINFORCING STEEL:

ALL REINFORCING STEEL SHALL BE DEFORMED. DIMENSIONS RELATIVE TO PLACEMENT OF REINFORCING ARE TO CENTERS OF BARS UNLESS OTHERWISE INDICATED IN THE PLANS. DIMENSIONS ON BAR DETAILS ARE TO CENTERS OF BARS OR ARE OUT

TO OUT AS INDICATED ON PLANS.

WIRE BAR SUPPORTS SHALL BE PROVIDED FOR REINFORCING STEEL WHERE
INDICATED ON THE PLANS. WHEN BAR SUPPORT PIECES ARE PLACED IN CONTINUOUS
LINES, THEY SHALL BE SO PLACED THAT THE ENDS OF THE SUPPORTING WIRES SHALL
BE LAPPED TO LOCK LEGS ON ADJOINING PIECES.

STRUCTURAL STEEL:

AT THE CONTRACTOR'S OPTION, HE MAY SUBSTITUTE 7/8" SHEAR STUDS FOR THE 3/4" STUDS SPECIFIED ON THE PLANS. THIS SUBSTITUTION SHALL BE MADE AT THE RATE OF 3 - 7/8" STUDS FOR 4 - 3/4" STUDS, AND STUD SPACING CHANGES SHALL BE MADE AS NECESSARY TO PROVIDE THE SAME EQUIVALENT NUMBER OF 7/8" STUDS ALONG THE BEAM AS SHOWN FOR 3/4" STUDS BASED ON THE RATIO OF 3 - 7/8" STUDS FOR 4 - 3/4" STUDS. STUDS OF THE LENGTH SPECIFIED ON THE PLANS MUST BE PROVIDED. THE MAXIMUM SPACING SHALL BE 2'-0".

EXCEPT AT THE INTERIOR SUPPORTS OF CONTINUOUS BEAMS WHERE THE COVER PLATE IS IN CONTACT WITH BEARING PLATE, THE CONTRACTOR MAY, AT HIS OPTION, SUBSTITUTE FOR THE COVER PLATES DESIGNATED ON THE PLANS COVER PLATES OF THE EQUIVALENT AREA PROVIDED THESE PLATES ARE AT LEAST 5/16"IN THICKNESS AND DO NOT EXCEED A WIDTH EQUAL TO THE FLANGE WIDTH LESS 2"OR A THICKNESS EQUAL TO 2 TIMES THE FLANGE THICKNESS. THE SIZE OF FILLET WELDS SHALL CONFORM TO THE REQUIREMENTS OF THE CURRENT ANSI/AASHTO/AWS "BRIDGE WELDING CODE". ELECTROSLAG WELDING WILL NOT BE PERMITTED.

WITH THE SOLE EXCEPTION OF EDGES AT SURFACES WHICH BEAR ON OTHER SUFFACES, ALL SHARP EDGES AND ENDS OF SHAPES AND PLATES SHALL BE SLIGHTLY ROUNDED BY SUITABLE MEANS TO A RADIUS OF APPROXIMATELY 1/16 INCH OR EQUIVALENT FLAT SURFACE AT A SUITABLE ANGLE PRIOR TO PAINTING, GALVANIZING, OR METALLIZING.

OR METALLIZING.

HANDRAILS AND POSTS:

METAL STANDARDS AND FACES OF THE CONCRETE END POSTS FOR THE METAL RAIL SHALL BE SET NORMAL TO THE GRADE OF THE CURB, UNLESS OTHERWISE SHOWN ON PLANS. THE METAL RAIL AND TOPS OF CONCRETE POSTS USED WITH THE ALUMINUM RAIL SHALL BE BUILT PARALLEL TO THE GRADE OF THE CURB.

METAL HANDRAILS SHALL BE IN ACCORDANCE WITH THE PLANS. RAILS SHALL BE
AS MANUFACTURED FOR BRIDGE RAILING. CASTINGS SHALL BE OF A UNIFORM APPEARANCE. FINS AND OTHER DEFORMATIONS RESULTING FROM CASTING OR OTHERWISE SHALL BE REMOVED IN A MANNER SO THAT A UNIFORM COLORING OF THE COMPLETED CASTING SHALL BE OBTAINED. CASTINGS WITH DISCOLORATIONS OR OF NON-UNIFORM COLORING WILL BE OBTAINED. CASTINGS WITH DISCOLORATIONS OR OF NON-UNIFORM COLORING WILL BEFORTS ARE REGULTED FOR METAL RAILS AND POSTS NOT BE ACCEPTED. CERTIFIED MILL REPORTS ARE REQUIRED FOR METAL RAILS AND POSTS.

SPECIAL NOTES:

GENERALLY, IN CASE OF DISCREPANCY, THIS STANDARD SHEET OF NOTES SHALL GOVERN OVER THE SPECIFICATIONS, BUT THE REMAINDER OF THE PLANS SHALL GOVERN OVER NOTES HEREON, AND SPECIAL PROVISIONS SHALL GOVERN OVER ALL. SEE SPECIFICATIONS ARTICLE 105-4.

ENGLISH

JANUARY, 1990

STD. NO. SN