

STATE	5 TAT	E PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.		1		
STAT	B PROJ.NO.	F. A. PROJ. NO.	DESCRIP	TION
41	665.3F	-	P.E	
41	665.3F	_	CON	ST.

e of:	
NSPORTATION GHWAYS VATION & REPAIR GROUP GH, N.C. 27610	We Argantice Variation
RILL, P.E. ER CATIONS	MERCEOTE AT 37
E: 6	<u>W. MATTHEW CLARKE, P.E.</u> PROJECT DESIGN ENGINEER



STATE OF NORTH CAROLINA DIVISION OF HIGHWAYS

NASH COUNTY

LOCATION: NASH COUNTY: BRIDGE #142 ON NC 43 OVER SWIFT CREEK

TYPE OF WORK: BRIDGE PRESERVATION WITH LATEX MODIFIED CONCRETE OVERLAY, JOINT REPLACEMENT, AND CLEANING AND PAINTING OF STRUCTURAL STEEL.

INDEX OF SHEETS

1	TITLE SHEET
14	INDEX OF SHEETS
S–1	TOTAL BILL OF MATERIAL
S-2 THRU S-9	STRUCTURAL PLANS – NA
SN	STANDARD NOTES

XXXXXXX CONTRACT

PROJECT:

STATE	STATE PROJECT REFERENCE NO. SHEET TOTAL NO. SHEET3						
N.C.		1A					
STAT	B PROLNO.	F. A. PROJ. NO.		DESCRIPT	ION		
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1SH # 142

	TOTAL BILL OF MATERIAL																
MOBILIZATION	N INCIDENTAL MILLING	ASPHALT CONCRETE SURFACE COURSE TYPE S9.5B	ASPHALT BINDER FOR PLANT MIX	GROOVING BRIDGE FLOORS	CLASS II SURFACE PREPARATION	CLASS III SURFACE PREPARATION	LATEX MODIFIED CONCRETE	PLACING & FINISHING LATEX MODIFIED CONCRETE	FOAM JOINT SEALS	VOLUMETRIC MIXER	CLEANING & REPAINTING OF BRIDGE #142	PAINTING CONTAINMENT BRIDGE #142	POLLUTION CONTROL	CONCRETE FOR DECK REPAIR	BRIDGE JOINT DEMOLITION	HYDRO- DEMOLITION OF BRIDGE DECK	SCARIFYING BRIDGE DECK
LUMP SUM	SQ.YDS.	TON	TON	SQ.FT.	SQ.YDS.	SQ.YDS.	CU.YDS.	SQ.YDS.	LUMP SUM	LUMP SUM	LUMP SUM	LUMP SUM	LUMP SUM	CU.FT.	SQ.FT.	SQ.YDS.	SQ.YDS.
LUMP SUM	1900	160	10	3,683	3	1	20	462	LUMP SUM	LUMP SUM	LUMP SUM	LUMP SUM	LUMP SUM	1	54	462	462

NOTE: CLASS II SURFACE PREPARATION, CLASS III SURFACE PREPARATION, VOLUMETRIC MIXER, AND CONCRETE FOR DECK REPAIR ARE NOT ANTICIPATED. TOKEN PAY ITEMS ARE INDICATED FOR PRICING PURPOSES, IN CASE UNANTICIPATED REPAIR AREAS ARE ENCOUNTERED.

	PROJECT NO. <u>41665.3</u> NASH CO BRIDGE NO. <u>142</u>	SF DUNTY
	STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTA RALEIGH	TION
DocuSigned by: W. Mattury (Sara) 1EB20097EAAF437. (20257)	TOTAL BILL OF MATERIAL	
11/5/2015		SHEET NO.
"And / HE W Visit	1 3 2 4	TOTAL SHEETS 9

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CHEC	KED BY	: W.M.CLARKE DA	TE	:	

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2	
ILL FACE @ ND BENT 2	
NTON _	PROJECT NO. 41665.3F NASH COUNTY BRIDGE NO. 142
Lby: Change SSO(1) Change SSO(1)	STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION RALEIGH GENERAL DRAWING BRIDGE #142 ON NC 43 OVER SWIFT CREEK
AAF43	REVISIONS SHEET NO. NO. BY: DATE: NO. BY: DATE: S-2 1 3 TOTM, SHEETS SHEET NO. SHEETS SHEET



241	NOTES
ом	FOR PAINTING EXISTING STRUCTURE, SEE SPECIAL
)	PROVISIONS. FOR CONCRETE FOR DECK REPAIRS.SEE SPECIAL
-	PROVISIONS.
-	FOR VOLUMEIRIC MIXER, SEE SPECIAL PROVISIONS.
	PROVISIONS.
	FOR FALSEWORK AND FORMWORK, SEE SPECIAL PROVISIONS.
10	FOR GROUT FOR STRUCTURES, SEE SPECIAL PROVISIONS.
16	FOR BRIDGE JOINT DEMOLITION, SEE SPECIAL
	PROVISIONS.
	ALL STATE AND FEDERAL SAFETY REQUIREMENTS.
	FOR CONTROL OF TRAFFIC AND LIMITS ON PHASING OF CONSTRUCTION, SEE TRANSPORTATION MANAGEMENT PLANS.
	LONGITUDINAL CONSTRUCTION JOINTS OF OVERLAYS SHALL BE LOCATED ALONG THE CENTERLINE OR EDGE OF TRAVEL LANES.
	DURING CONSTRUCTION, BERMS OR APPROPRIATE MEASURES SHALL BE USED TO ENSURE HYDRO-DEMOLITION WATER DOES NOT FLOW OR MIGRATE INTO ACTIVE TRAVEL LANES.
	PROJECT NO. 41665.3F
	NASHCOUNTY
	BRIDGE NO. 142
	SHEET 2 OF 2
	DEPARIMENT OF TRANSPORTATION RALEIGH
	GENERAL DRAWING
	BRIDGE #142 ON NC 43
Y:	UVER SWIFT CREEK
\mathcal{U}	40257
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APP. ROADWAY 50'-0" (SPAN ``A'') SPAN "B" └──Q OF JOINT @ BENT 1 14'-0¹/2" 28'-1" (CLEAR ROADWAY) 29'-0%" (JOINT LENGTH) FILL FACE @ € BRIDGE — 01/2" B 4 B



11/5/2015

_ DATE : _______ __ DATE : _____7/2015

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DRAWN BY : ____ CHECKED BY : _

C.C.WILLIAMS W.M.CLARKE

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NOTIT USENTITY ING BRIDGE DECK 154.3 SY HYDRO-DEWOLITION OF BRIDGE DECK 154.3 SY LCASS II SUFFACE PREPARATION 1 SY LCASS II SUFFACE PREPARATION 0.33 SY JOINT DEWOLITION DESCRIPTION SCARTFYING BRIDGE DECK 13.3 SF JOINT DEWOLITION DESCRIPTION SCARTFYING BRIDGE DECK 13.3 SF JOINT DEWOLITION DEWOLITION SCARTFYING BRIDGE DECK SCARTFYING BRIDGE DECK JOINT DEWOLITION DEWOLITION SCARTFYING BRIDGE DECK BRIDGE JOINT DEWOLITION JOINT DEWOLITION DEWOLITION SCARTFYING BRIDGE DECK BRIDGE JOINT DEWOLITION DEWOLED DUBING INDEPCTION BRIDGE DECK BRIDGE JOINT DEWOLITION DEWOLED DUBING INDEPCTION AND ENTITION BRIDGE JOINT DEWOLITION DEVERTION DEVERTION SUFFACE AFER HYDROBENGLITION INSECT THE DECK SUFFACE AFER HYDROBENGLITION BRIDGE NO. 142 DEVERTION DEVE		SUMMARY OF QUANT	ITIES FOR SP	AN ``A''
SCARTEYING BRIDGE DECK 1543 SV HYDRO-DEMOLITION OF BRIDGE DECK 1543 SV CLASS III JURACE PREPARATION 1.33 SV JOINT DEMOLITION 133 SF PAYMENT FOR CLASS III AND CLASS III SUPFACE PREP. BASED provention 133 SF JOINT DEMOLITION BEDIDE DOLES III SUPFACE PREPARATION IS NOT ANTICIDET TO A TOKEN ANDUNT IS INDICATED FOR PREPARATION SUPFACE PREPARATION ANDUNT IS INDICATED FOR PREPARATION SUPFACE PREPARATION ANDUST IS INDICATED FOR PREPARATION SUPFACE PREPARATION AND AND AND AND AND AND AND AND AND AN			ESTIMATE	ACTUAL
INTRODUCEDUCITION OF BRIDDE DECK 154.3 SY ILASS II SUPFACE PREPARATION 1 SY JOINT DEMOLITION 13.3 SF PYMENT OR FLASS II AND CLASS III SUPFACE PREP. BASED FOLLOWING STRATTON GUILED END (NEDULED) SISS II ADD CLASS III SUPFACE PREPARATION SING CLASS II ADD CLASS III SUPFACE PREPARATION INTINI Image: Single S		SCARIFYING BRIDGE DECK	154.3 SY	
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NO REPAIRS NOTED DURING INSPECTION BY STRUCTURES MANAGEMENT UNIT. THE CONTRACT AFTER HYDRODEMOLITION FOR POTENTIAL CLASS II REPAIRS. PROJECT NO. <u>41665.3F</u> <u>NASH</u> COUNTY BRIDGE NO. <u>142</u> SHEET 10F 3 DEPARTMENT OF TRANSPORTATION RALETON SURFACE PREPARATION SURFACE PREPARATION SURFACE PREPARATION SURFACE PREPARATION SURFACE PREPARATION SURFACE PREPARATION SURFACE PREPARATION SURFACE PREPARATION SURFACE STATE OF 100 TO	JOINT JENT 1	SCARIFYI BRIDGE JO APPROX. AI SURFACE F	NG BRIDGE DECK DINT DEMOLITION REA CLASS II REPARATION	
PROJECT NO. <u>41665.3F</u> <u>NASH</u> COUNTY BRIDGE NO. <u>142</u> SHEET 1 OF 3 STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION RALEICH SURFACE PREPARATION SPAN "A'' <u>NO BY: DATE: NO BY: DATE: SHEET NO</u> <u>SHEET NO BY: DATE: SHEET NO</u> <u>SHEET NO SHEET NO</u> <u>SHEET NO SHEET NO</u> <u>SHEET NO BY: DATE: SHEET NO</u> <u>SHEET NO BY: DATE: SHEET NO</u> <u>SHEET NO SHEET NO</u> <u>SHEET NO BY: DATE: SHEET NO SHEET N</u>		NO REPAIRS NOTED DURING INSPECT MANAGEMENT UNIT. THE CONTRACTOR INSPECT THE DECK SURFACE AFTER H FOR POTENTIAL CLASS II REPAIRS.	ION BY STRUCTURES AND ENGINEER SHALL YDRODEMOLITION]
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DocuSigned by: SURFACE PREPARATION U. Mathuw 40257 1EB20097EAAF437 115/2015		DEP	STATE OF NORTH CARO	ISPORTATION
1/5/2015 NO. BY: DATE: NO. BY: DATE: S-5 1 3 SHEETS 2 4 4 4	DocuSign W. Ma 1EB20097		RACE PREP SPAN ''	ARATION A''
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SUMMARY O	F QUANT	ITIES FOR S	PAN ``B'	,
		ESTIMATE	ACT	UAL
SCARIFYING BRIDGE DECH	<	152.6 SY		
HYDRO-DEMOLITION OF BE	RIDGE DECK	152.6 SY		
CLASS II SURFACE PREP		1 SY		
JOINT DEMOLITION	ARATION	26.7 SF		
PAYMENT FOR CLASS IT AL	ND CLASS TT		ASED	
UPON SOUARE FEET OF ADD FOLLOWING HYDRO-DEMOLI SURFACE PREPARATION"SPE CLASS II AND CLASS III ANTICIPATED.A TOKEN AM PURPOSES, IN CASE UNANTI SURFACE PREPARATION ARE	SUFFICIAL DE TION OF BR ECIAL PROVI SURFACE PR OUNT IS INC ICIPATED CL EAS ARE ENCO	MOLITION REQUIRE TOGE DECK, SEE "OV SION. EPARATION IS NOT ICATED FOR PRICI ASS II OR CLASS DUNTERED.	O ERLAY NG III	
	SCARIFYIN BRIDGE JO APPROX, AR	G BRIDGE DECK INT DEMOLITION EA CLASS II		
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		STATE OF NORTH C	AROLINA	
	DEPA		ANSPORTA	TION
Hur (Jay Cano	SUR	FACE PRE SPAN	PARAT ``B''	ION
AAF437		REVISIONS		SHEET NO.
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SUMMARY O	F QUANT	ITIES FOR	SPAN "	C"
		ESTIMATE	A	CTUAL
ARIFYING BRIDGE DECK		154.3 SY		
DRO-DEMOLITION OF BR	IDGE DECK	154.3 SY		
ASS II SURFACE PREPA	RATION	1 SY		
ASS III SURFACE PREP	ARAIIUN	0.33 SY		
THE DEMOLTITON				
MENI FOR CLASS II AN SOUARE FEET OF ADD LOWING HYDRO-DEMOLI FACE PREPARATION SPE SS II AND CLASS III ICIPATED. A TOKEN AMC POSES, IN CASE UNANTI FACE PREPARATION ARE	ID CLASS II ITIONAL DEI TION OF BR CIAL PROVI SURFACE PRI DUNT IS INC CIPATED CL AS ARE ENCO	I SURFACE PREP MOLITION REOUI JDGE DECK, SEE SION. EPARATION IS N EPARATION IS N ICATED FOR PR ASS II OR CLAS DUNTERED.	. BASED RED "OVERLAY NOT ICING SS III	
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	PROJEC	T NO.	<u>41</u> 665.	.3F
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			(
	BRIDG	NO	142	
	SHEET 3 OF	- 3		
	DEPA	STATE OF NOR RTMENT OF RALE	TRANSPORT	ATION
W CAROLAN 40257	SUR	FACE PR SPAN	REPARA ``C''	TION
HOINER CHI	NO. RY.	REVISIONS		SHEET NO.
Manager and Andrews	1	3		TOTAL SHEETS
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SECTION A-A



EXISTING

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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 SO.IN.
REINFORCING STEEL IN TENSION	
GRADE 60	24,000 LBS.PER SQ.IN.
CONCRETE IN COMPRESSION	1,200 LBS.PER SO.IN.
CONCRETE IN SHEAR	SEE A.A.S.H.T.O.
STRUCTURAL TIMBER - TREATED OR	
UNTREATED - EXTREME FIBER STRESS	1,800 LBS.PER SO.IN.
COMPRESSION PERPENDICULAR TO GRAIN OF TIMBER	375 LBS.PER SQ.IN.
EQUIVALENT FLUID PRESSURE OF EARTH	30 LBS.PER CU.FT.

MATERIAL AND WORKMANSHIP:

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.

(MINIMUM)

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-/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 REOUIRED 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 REOUIRED ON PLANS.

DOWELS:

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.

STANDARD NOTES

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 LEVATIONS 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 CRUDOR 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 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

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" Ø SHEAR STUDS FOR THE ⁷/₄" Ø STUDS SPECIFIED ON THE PLANS. THIS SUBSTITUTION SHALL BE MADE AT THE RATE OF 3 - 7/8" Ø STUDS FOR 4 - 3/4" Ø STUDS, AND STUD SPACING CHANGES SHALL BE MADE AS NECESSARY TO PROVIDE THE SAME EQUIVALENT NUMBER OF 7/8" Ø STUDS ALONG THE BEAM AS SHOWN FOR 3/4" Ø STUDS BASED ON THE RATIO OF 3 - 7/8" Ø STUDS FOR 4 - 3/4" Ø STUDS. STUDS OF THE LENGTH SPECIFIED ON THE PLANS MUST BE PROVIDED. THE MAXIMUM SPACING SHALL BE 2'-O". 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 THES 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 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 NOT BE ACCEPTED CERTIFED MILL REPORTS ARE REQUIRED FOR METAL RAILS AND POSTS NOT BE ACCEPTED. CERTIFIED MILL REPORTS ARE REQUIRED FOR METAL RAILS AND POSTS.

SPECIAL NOTES:

SPECIFICATIONS ARTICLE 105-4.

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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

ENGLISH JANUARY, 1990

STD. NO. SN