

²⁰⁻JAN-2019 22:04 Z:\Structures\Plans\Str1\R-5021_SMU_01_BMR_090259.dgn pknewton

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AT THE CONTRACTOR'S OPTION, METAL RAIL WITH THE REQUIREMENTS OF THE GENERAL MATERIALS; HOWEVER, THE CONTRACTOR WIL ON THE PROJECT FOR WHICH METAL RAIL

UNLESS OTHERWISE REQUIRED IN THE CONT ALTERNATE TO THE 2 BAR METAL RAIL. THE LRFDBRIDGE DESIGN SPECIFICATIONS AND (APL) UNDER ``2 BAR METAL RAIL ALTERNAT

MATERIAL FOR POSTS, BASES AND RAILS, EX MATERIAL FOR RIVETS SHALL BE ASTM B31 POINT COLD DRIVEN AS PER DRAWING.

THE BASE OF RAIL POSTS, OR ANY OTHER A COATED WITH AN ALUMINUM IMPREGNATED MATERIAL FOR SHIMS TO BE ASTM B209 AL

GAL

MATERIAL AND GALVANIZING ARE TO CONFO POST, POST BASES, RAILS, EXPANSION BARS GALVANIZED TO AASHTO M111.

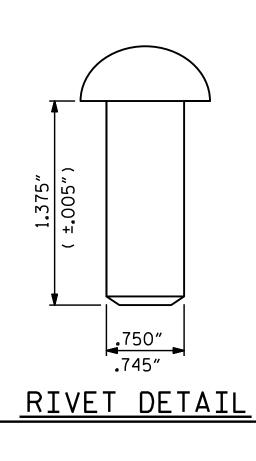
RIVETS: RIVETS SHALL MEET THE REQUIREN THE CUT ENDS OF GALVANIZED STEEL RAIL RICH PAINT MEETING THE REQUIREMENTS (SPECIFICATIONS TT-P-641.

SHIMS: SHIMS SHALL MEET THE REQUIREMENT BE GALVANIZED IN ACCORDANCE WITH AASH RAIL CAPS: RAIL CAPS SHALL MEET THE RE AND SHALL BE GALVANIZED IN ACCORDANCE

RAILING SHALL BE CONTINUOUS FROM END BE SPLICED AS DETAILED. PANEL LENGTHS FOR END OF RAIL TO CLEAR FACE OF CONC CAP SCREWS SHALL BE ASTM F593 ALLOY 3 ASTM F844 EXCEPT THEY SHALL BE MADE F CERTIFIED MILL REPORTS ARE REQUIRED F METAL RAIL POSTS SHALL BE SET NORMAL METHOD OF MEASUREMENT FOR METAL RAILS SPECIFICATIONS.

CURVED RAIL USAGE: WHERE RAILS ARE TO THE CONTRACTOR MAY, AT HIS OPTION, HAV IN THE FIELD. IN EITHER EVENT, THE RAI CURVATURE IN A UNIFORM MANNER ACCEPT TO INSURE FUTURE IDENTIFICATION OF TH ON EACH POST. THE METHOD OF MARKING A APPEARANCE OF THE POST, BUT REMAINS VI SHIMS SHALL BE USED AS NECESSARY FOR ALLOY 6351-T5 MAY BE SUBSTITUTED FOR MINOR VARIATIONS IN DETAILS OF METAL DESIRED, SHALL BE SUBMITTED FOR APPROV GROOVED CONTRACTION JOINTS, 1/2" IN DEPT AND IN ACCORDANCE WITH ARTICLE 825-10(BE LOCATED AT EACH THIRD POINT BETWEE REQUIRED AT MIDPOINT OF PARAPET SEGME ARE REQUIRED FOR THOSE SEGMENTS LESS

PAY LENGTH



| NOTES | | | | | | | | | | | |
|--|-----------------------|------------------------|-----------------------|-----------------------|-----------------------|------------------------------|---------|-------|---------|-------|----------|
| L MAY BE EITHER ALUMINUM NOTES AND THE FOLLOWING L BE REQUIRED TO USE THE IS DESIGNATED. | SPECIFIC | ATIONS F | OR THE A | LTERNATE | | | | | | | |
| TRACT DOCUMENTS, THE CONT HE ALTERNATE RAIL SHALL M MUST BE LISTED ON THE D TE''. ADJUSTMENTS TO THE (| EET THE F EPARTMEN | REQUIREME T'S APPRO | ENTS OF 1 VED PROD | THE AASHT | Г | | | | | | |
| ALUMINUM RAILS | _ | | | | | | | | | | |
| XPANSION BARS AND CLAMP 16 ALLOY 6061-T6. RIVETS | | | | | | | | | | | |
| ALUMINUM SURFACE IN CONT CAULKING COMPOUND OF AP ALLOY 6061-T6. | | | E SHALL E | BE THOROU | GHLY | | | | | | |
| LVANIZED STEEL RA | AILS | | | | | | | | | | |
| FORM TO THE FOLLOWING SPE S AND CLAMP BARS: AASHTO | | | RUCTURAL | STEEL - | | | | | | | |
| EMENTS OF ASTM A502 FOR (| GRADE 1 RI | IVETS. | | | | | | | | | |
| LING, AFTER GRINDING SMOO OF FEDERAL SPECIFICATION | | | | | | | | | | | |
| ENTS OF ASTM A570 FOR GR. SHTO M111. | ADE 33 OF | A611 FOF | R GRADE C | AND SHAL | _L | | | | | | |
| REQUIREMENTS OF ASTM A570 E WITH AASHTO M111. |) FOR GRA | DE 33 OR | A611 FOR | GRADE C | | | | | | | |
| GENERAL NOTES | | | | | | | | | | | |
| POST TO END POST OF BRI OF RAIL SHALL BE ATTACH | ED TO A N | MINIMUM | OF THREE | | L L | | | | | | |
| CRETE END POST DIMENSION 305 STAINLESS STEEL.WASH | ERS SHALL | | | EMENTS OF | . | | | | | | |
| FROM ALLOY 304 STAINLESS STEEL. FOR RAILS AND POSTS. SHOP INSPECTION IS NOT REQUIRED. | | | | | | | | | | | |
| TO CURB GRADE. | | | | | | | | | | | |
| S: FOR LENGTH OF METAL RA | AILS TO E | BE PAID F | OR, SEE T | HE STANDA | ARD | | | | | | |
| D BE USED ON BRIDGES ON H VE THE REQUIRED CURVATURE IL SHALL CONFORM WITHOUT TABLE TO THE ENGINEER. | IN THE | RAIL FOR | MED IN T | HE SHOP O | R | | | | | | |
| HE FABRICATOR, A PERMANEN AND LOCATION SHALL BE SUC ISIBLE AFTER RAIL PLACEM | СН ТНАТ І | | | | | | | | | | |
| POST ALIGNMENT. | | | | | | | | | | | |
| ALLOY 6061-T6 WHERE APPL _ RAIL WILL BE CONSIDERED | | S OF SUC | H VARIAT | IONS.IF | | | | | | | |
| VAL. TH, SHALL BE TOOLED IN ALI | | | | | | | | | | | |
| O(B) OF THE STANDARD SPECI EN PARAPET EXPANSION JOI MENTS LESS THAN 20 FEET I THAN 10 FEET IN LENGTH. | FICATION: NTS.ONLY | S.A CONT ONE CON | RACTION TRACTION | JOINT SHA JOINT IS | 5 | | | | | | |
| 」 _ 260.84 LIN.FT. | | | | | | | | | | | |
| -1 = 260.84 LIN.FT. | | | | | | | | | | | |
| | PROJE | CT NO. | R | -5021 | | | | | | | |
| BRUNSWICK COUNTY | | | | | | | | | | | |
| STATION: 369+42.00 -L- | | | | | | | | | | | |
| | SHEET 1 | OF 2 | | | | | | | | | |
| ACCEPTION OF TRANSPORTATION CAROLINA DEPARTMENT OF TRANSPORTATION RALEIGH STANDARD 26445 2 BAR METAL RAIL (WRL) | | | | | | | | | | | |
| | | | | | | Docusigned by: | (WBL) | | | | |
| | | | | | | P. Korey Newton 1/20/2019 | | REVIS | STONS | | SHEET NO |
| | | | | | | DOCUMENT NOT CONSIDERED | NO. BY: | DATE: | NO. BY: | DATE: | S1-21 |
| FINAL UNLESS ALL SIGNATURES COMPLETED | 1 2 | | 3 4 | | total sheets 38 | | | | | | |

STR.#1

total sheets 38 STD. NO. BMR3