

ELASTOMERIC PAD

(TO BE USED ON WINGWALL) (50 DUROMETER)

STEEL SPACER P

(TO BE USED ON WINGWALL) (MAY BE OMITTED)

* ADJUST WATERLINE ALIGNMENT ON WING TO MAINTAIN FLUSHNESS AND TO MAINTAIN MINIMUM SPECIFIED CLEARANCES. VERIFY DIMENSIONS PRIOR TO FABRICATION. DIMENSIONS ABOVE BASED ON APPROXIMATE ASSUMPTIONS.

FOR ATTACHMENT OF WATERLINE TO EXISTING BRIDGE, SEE PROJECT SPECIAL PROVISION FOR UTILITY CONSTRUCTION - 12" WATER LINE BRIDGE ATTACHMENT.

- ALL MEASUREMENTS SHALL BE VERIFIED PRIOR TO BEGINNING WORK AND FABRICATION OF MATERIALS.
- ALL STEEL MATERIALS USED FOR THE WATERLINE ATTACHMENT SYSTEM SHALL BE HOT DIPPED GALVANIZED.
- THE WATERLINE ATTACHMENT HANGERS SHALL NOT BE SPACED GREATER THAN 20'-0".
- THE HARDWARE USED FOR THE HANGER CONCRETE ANCHORS/THRU-BOLTS SHALL BE 3/4" arnothing .

WHEN INSTALLING CONCRETE ANCHORS INTO THE EXISTING CONCRETE BARRIER RAIL, CARE SHALL BE TAKEN IN ORDER TO MAINTAIN 2"MINIMUM CONCRETE COVER.

EXISTING BRIDGE WATER LINE ATTACHMENT

PROJECT REFERENCE NO. SHEET NO.

PHONE: (919)707-6690 UTILITY CONSTRUCTION FAX: (919)250-4151 PLANS ONLY

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

—— ¹³/₁6″∅ DRILLED HOLE

——€ THRU-BOLTS

—⊈ ANCHORS

TGS ENGINEERS
804-C N. LAFAYETTE ST
SHELBY, NC 28 150
PH (704) 476-0003
CORP. LICENSE NO.: C-0275

UC-3D

OF ESS

DocuSignedby:

Day 22954000

B-5125

RDE

DESIGNED BY: RDE

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APPROVED BY: MRB

NORTH CAROLINA DEPARTMENT OF TRANSPORTATION

UTILITIES ENGINEERING SEC

DRAWN BY:

REVISED: