



**SAN ANTONIO WATER SYSTEM
MEDIO CREEK WRC CAROUSELS 4 & 5
BRIDGES REPLACEMENT
SAWS Job No. 10-6503
Solicitation No. B-10-038-RA**

**ADDENDUM NO. 1
August 11, 2010**

To Bidder of Record:

This addendum, applicable to work referenced above, is an amendment to the bidding documents and as such will be a part of and included in the Contract Documents. Acknowledge receipt of this addendum by entering the addendum number and issue date in the space provided in submitted copies of the proposal.

Questions and Clarifications:

- Q1. How far in either direction from the center of the bridge does the grout on the beam extend?
A1. Sheet S5, Detail S502 calls for this grout to be 16-feet long centered on the beam (i.e. 8-feet from midspan of beam in each direction).
- Q2. The midspan connection detail (Sheet S4, Detail S403) may need to be revised because there is concern that there will be interference with the light pole.
A2. Please see Addendum No. 1, Item 4.
- Q3. On the existing bridges, the braces on either side of each mixer are installed at a different rotation to prevent accumulation of sludge. This is not reflected on the drawings.
A3. Please see Addendum No. 1, Item 5.

Specifications:

1. Section 01025, MEASUREMENT AND PAYMENT, Paragraph 1.02.C.3, REPLACE as follows:

 “3. Breakdown by Division 2 through 5 of the Specifications.”
2. Section 01300, CONTRACTOR’S SUBMITTALS, Paragraph 2.06.D, CHANGE “Paragraph 2.03” to “Paragraph 2.05.”
3. Section 03300, CAST-IN-PLACE CONCRETE, ADD Paragraph 2.2.E as follows:

“E. Cement-Sand Grout:

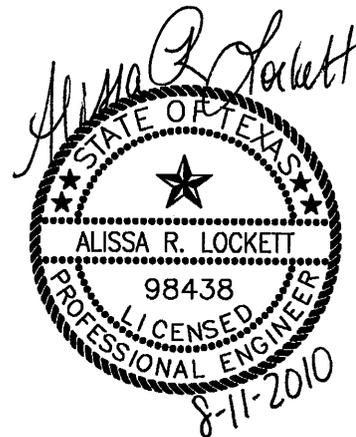
1. To be used for sloped grout on Detail S502 only. Do not use for bearing under girder.
 - a. Cement: ASTM C 150, Type II.
 - b. Sand: ASTM C 33.
2. Grout to consist of cement and sand to produce a minimum 28-day strength of 4000 psi with maximum slump of 5 inches. Use 2-inch cube strength test to confirm the design mix strength. Use 2-inch cube strength test on job cured cubes. Take 6 cubes per each 20 c.y. or less of topping cast and compression tested:
 - 2 at 3 days
 - 2 at 14 days
 - 2 at 28 days”

Drawings:

4. SHEET S4, NORTH AND SOUTH BRIDGES AT CAROUSEL #5, REPLACE DETAIL S403, MIDSPAN CONNECTION OF GIRDER TO CAROUSEL PARTITION WALL, with the attached sketch, SK-1.
5. SHEET S3, NORTH AND SOUTH BRIDGES AT CAROUSEL #4, REPLACE DETAIL S304 with the attached sketch, SK-2.
6. SHEET S7, STRUCTURAL DETAILS, ADD DETAIL S707 per the attached sketch, SK-3.



Alissa R. Lockett, P.E.
San Antonio Water System



ACKNOWLEDGEMENT BY BIDDER

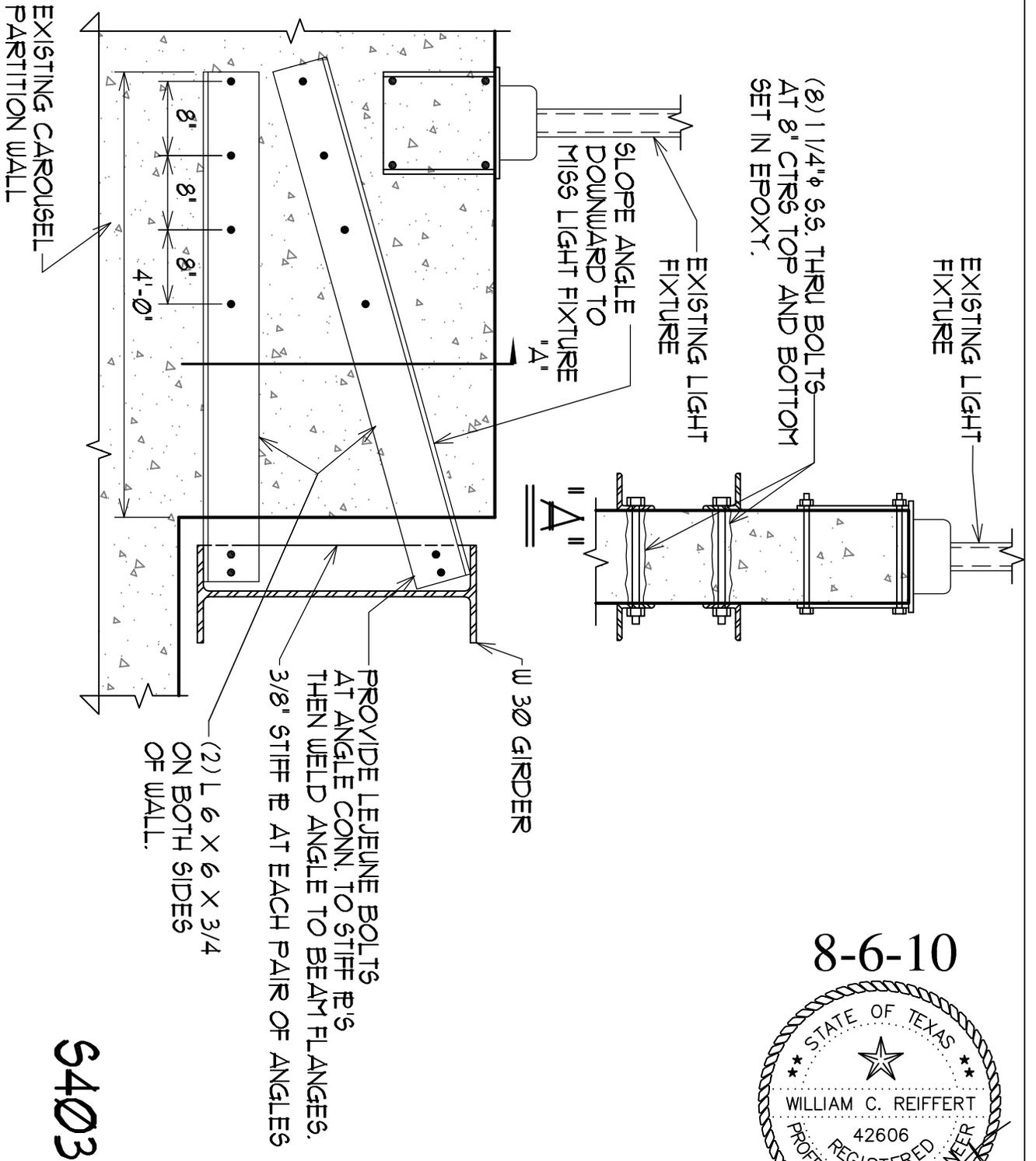
Each bidder is requested to acknowledge receipt of this Addendum No. 1 on the Bid Proposal and by his/her signature affixed hereto and to file same as an attachment to his/her bid.

The undersigned acknowledges receipt of this Addendum No. 1 and the bid submitted herewith is in accordance with the information and stipulation set forth.

Signature of Bidder

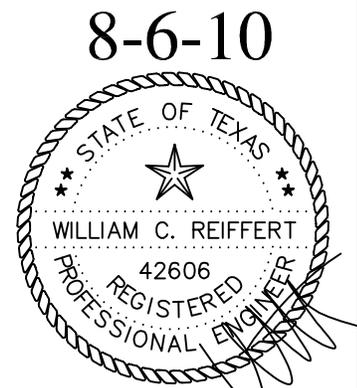
Date

END OF ADDENDUM



MIDSPAN CONNECTION OF GIRDER TO CAROUSEL PARTITION WALL

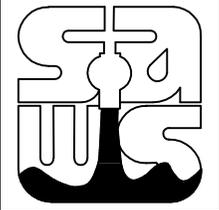
S403



THE SEAL APPEARING ON THIS DOCUMENT WAS AUTHORIZED BY WILLIAM C. REIFFERT P.E. # 42606
 REFERENCE DETAIL/SHEET: S403 / 54

BILL REIFFERT & ASSOC., INC
 TEXAS ENGINEERING FIRM LICENSE # 2021
 BRAI JOB NO. 10-010
 136 SAGECREST T 210-366-9313
 SAN ANTONIO, TEXAS 78232 F 210-366-9318

SCALE: 3/4" = 1'-0"



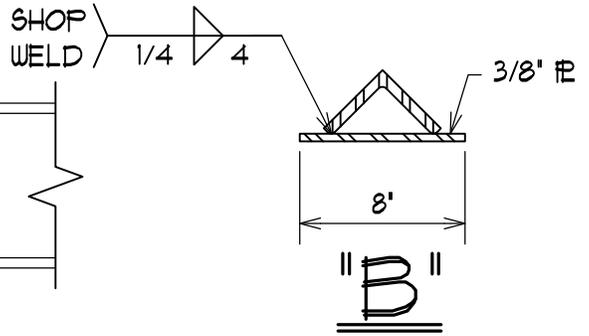
MEDIO CREEK WATER RECYCLING CENTER CAROUSELS 4 & 5 BRIDGES REPLACEMENT
 JOB No. 10-6503

Rev. #	Date	SK-1
	8-6-10	

SHOP WELD
3/4"φ X 4" H.C.A.
STUDS AT 12" CTRS
FOR FULL LENGTH
OF BEAM.

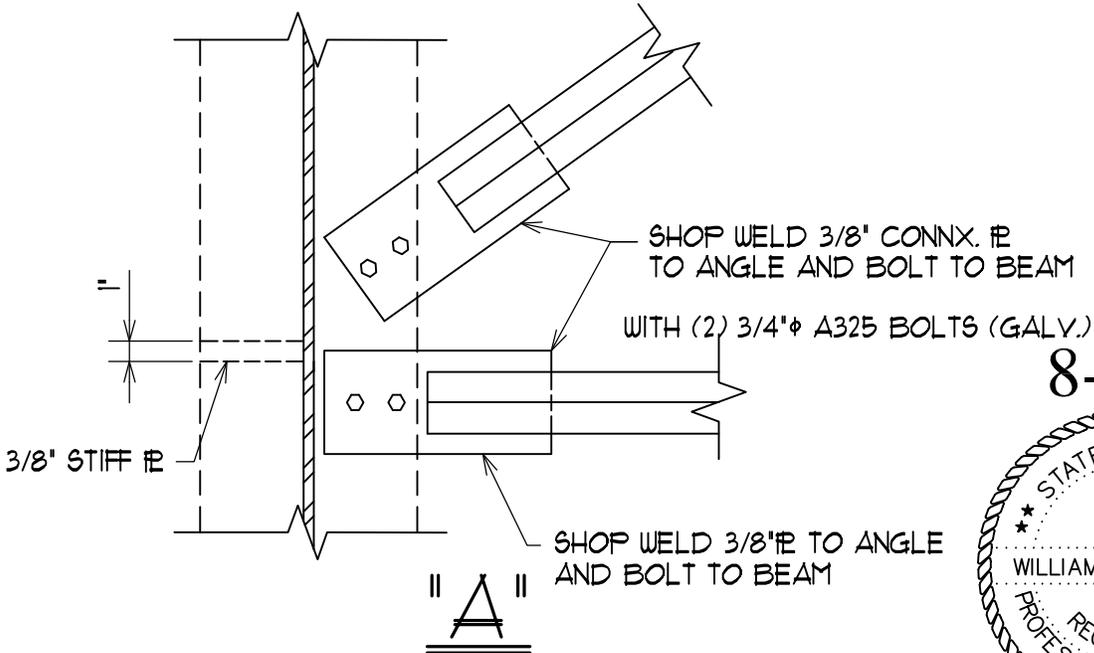
STD DOUBLE ANGLE
SHEAR CONNECTIONS
W/ (4) BOLTS

SHOP WELD 3/8"
STIFF PL'S TO
ALIGN W/ W 12 X 30
BEAMS.



SHOP WELD 3/8" CONNX. PL
TO ANGLE AND BOLT TO BEAM
WITH (2) 3/4"φ A325 BOLTS (GALV.)

L 4 X 4 X 3/8



5304

8-6-10



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BILL REIFFERT & ASSOC., INC

TEXAS ENGINEERING FIRM LICENSE # 2021
BRAI JOB NO. 10-010

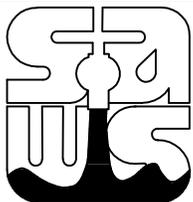
136 SAGECREST

T 210-366-9313

SAN ANTONIO, TEXAS 78232

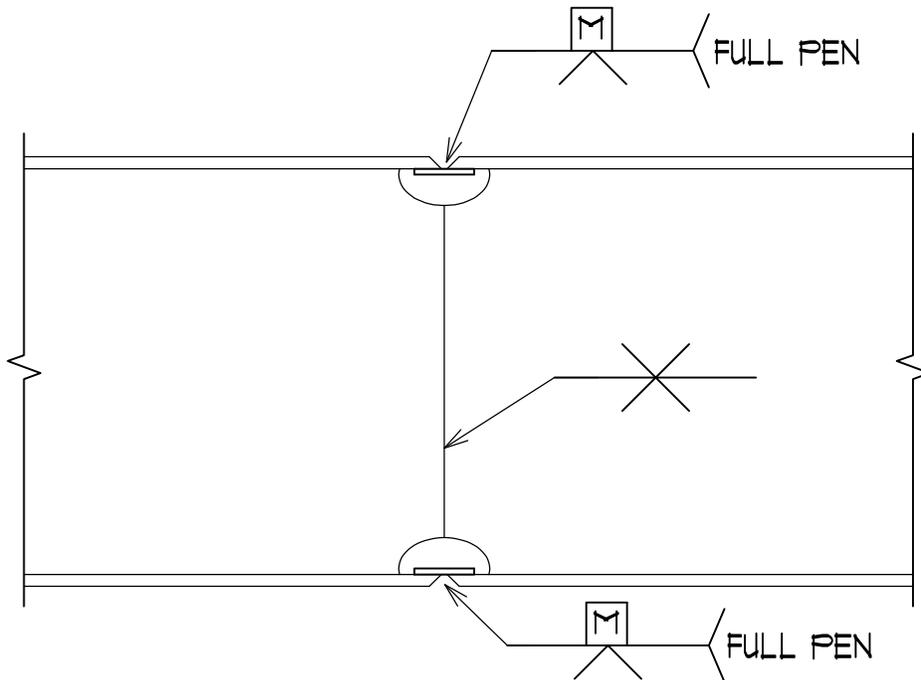
F 210-366-9318

SCALE: N.T.S.



**MEDIO CREEK WATER RECYCLING
CENTER CAROUSELS 4 & 5
BRIDGES REPLACEMENT
JOB No. 10-6503**

Rev. #	Date	SK-2
	8-6-10	



- NOTE:**
- ① ALL WELDS SHALL BE ULTRASOUND TESTED BY THE LAB PRIOR TO GALVANIZING.
 - ② SPLICE LOCATION TO BE DETERMINED BY FABRICATOR PROVIDE ONLY ONE SPLICE IN EACH GIRDER

5707

8-10-10

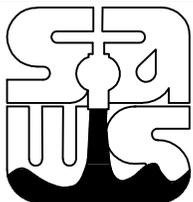
TYP. SHOP WELDED MOMENT SPLICE
IN W 30 X 99 GIRDER



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REFERENCE DETAIL/SHEET: 5707 / 57

BILL REIFFERT & ASSOC., INC
TEXAS ENGINEERING FIRM LICENSE # 2021
BRAI JOB NO. 10-010
136 SAGECREST T 210-366-9313
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SCALE: 3/4" = 1'-0"



*MEDIO CREEK WATER RECYCLING
CENTER CAROUSELS 4 & 5
BRIDGES REPLACEMENT
JOB No. 10-6503*

Rev. #	Date	SK-3
	8-10-10	