



County of El Paso Purchasing Department  
800 E. Overland Room 300  
El Paso, Texas 79901  
(915) 546-2048 / Fax: (915) 546-8180

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#### **ADDENDUM 4**

**To: All Interested Bidders**

**From: Lucy Balderama, Inventory Bid Technician**

**Date: November 8, 2011**

**Subject: BID # 11-045, Construction for the Tornillo Guadalupe New International Bridge**

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**Please make the following addition or changes to the specifications/plans.**

**Item # 1 A pre-bid conference was held on Wednesday November 2, 2011 at 10:00 a.m. in the Purchasing Conference Room located at 800 East Overland Room 300, El Paso, Texas 79901. The Purchasing Department received questions relating to the above referenced Bid at the pre-bid conference. The following is the responses to the questions:**

**Q1: How will the base bid and the additive alternate be awarded?**

A1: The contract will be awarded by the lowest responsible base bid. The additive alternate will be awarded to the lowest bid between the winning U.S. contractor and the Mexican contractor.

**Q2: Are there any Federal Funds in this contract?**

A2: No. But, you will have to comply with having employees working on the job watch a video on the Texas Horned Toad Lizard, an Endangered Species. It is an eight to ten minute video that all employees have to watch. They must sign in that they took the class.

**Q3: When do we see the video?**

A3: Once the contract is awarded, the County of El Paso will provide a CD to the contractor.

**Q4: Is there any possibility of doing a public-private partnership for constructing and operating the bridge under a lease agreement for a length of time?**

A4: El Paso County cannot answer this at this time. It has to do with the bonds and how they were sold and how the land was purchased. The bond covenants are very

strict on how you can spend the money and what kind of contract you can enter into. There is no plan at this time for addressing unsolicited proposals.

**Q5: Is this something that could be entertain by going to the Commissioner's Court?**

A5: This is a Commissioner's Court and County Attorney issue.

**Q6: The bid document states 365 calendar days for the base bid, but there is no construction time provided for the alternate. Can we have that information?**

A6: Timeline for completing the additive alternate is included in the 365 calendar days.

**Q7: All employees have to have security badges. Is there a cost on that?**

A7: All contractor employees will be required to wear contractor badges. The successful contractor will be responsible for badging his own employees with his own badge, at his own expense.

**Q8: Is there a two-month waiting period for that?**

A8: The badges will be issued by the contractor and not by CBP. No security background check by CBP is required.

**Q9: What information would have to be on our badge?**

A9: Your identification or something with your company name, insignia, logo, job number, and photo. Something that would identify that he/she is your employee.

**Q10: In regard to the additive alternate, our schedule is going to depend on when bent #7 is completed by Mexico. Can we get some kind of assurance that this will not interfere, that Mexico will complete bent # 7 on time?**

A10: After this meeting, we will issue an Addendum which will identify a date upon which the contractor on the U.S. side will have to complete bent # 8 and Mexico will have to complete bent # 7. That will be an agreed upon date between the two countries. Wording will be stipulated by addendum that the U.S. Contractor will not be held responsible for delays to construction of the additive alternate due to the delay of the Mexican Contractor for completion of bent # 7.

**Q11: So they (Mexico) will be held responsible for theirs?**

A11: Yes.

**Q12: How will the additive alternate be determined as to whether it will be built by either the U.S. or Mexico?**

A12: The base bid holds everything within the U.S. portion of the contract. The additive alternate is the international span. Mexico is responsible for bent #7 which is on the Mexican side of the international span. All contractors bidding on the U.S. project for El Paso County will submit a price for the additive alternate which may or may not be awarded. Mexico will bid the additive alternate too. El Paso County and the Mexican Government will compare numbers and the additive alternate will be awarded to the lowest bid between the lowest responsible U.S. contractor and the selected Mexican contractor.

**Q13: In relative timing, when is their bid compared to ours?**

A13: They committed to start by the end of January, 2012.

**Q14: So they don't have a bid date yet?**

A14: Mexico has no bid date established yet. Mexico is still deciding if the bridge will be built by the government or by a concessionaire.

**Q15: What is our start date for this project?**

A15: The first of January 2012 or possibly mid-December 2011 but no later than the end of January 2012.

**Q16: Is Mexico using the same specifications as the U.S.?**

A16: Yes. We developed the plans following our specifications and translated them for Mexico. We checked their plans.

**Q17: If the U.S. contractor wins the additive alternate, will the U.S. contractor have to deal with Mexico for payment?**

A17: No, El Paso County will pay 100% of the additive alternate amount to the U.S. contractor. The county will collect ½ of the cost for the additive alternate from Mexico.

**Q18: Can you get crane out there and what about having personnel, equipment, and materials crossing the international boundary?**

A18: There is room for a crane. Construction across the international boundary will require dual coordination efforts by the contractor and El Paso County with IBWC.

**Q19: Is it considered International Waters?**

A19: Yes, and also navigable waters of the United States according to the U.S. Coast Guard.

**Q20: The note on sheet 14 says embankment can be obtained from on site sources. Can you clarify?**

A20: An addendum will be issued and the note will be changed to "Material for embankment must be obtained from offsite sources."

**Q21: The note on sheet 14 also says that we have to meet the 25th of May deadline but do they (GSA contractor) have a deadline?**

A21: Yes, the date of the 25th of May was generated by GSA. This date for completing the embankment was coordinated with GSA and the LPOE contractor to match their schedule.

**Q22: Will they have it by then too?**

A22: The LPOE contractor may not be up to finished grade but will be working simultaneously.

**Q23: On sheet 5B, the third paragraph of the notes under Item 421 refers to El Paso District (TxDOT). Who will be doing the concrete testing?**

A23: The note should say the County of El Paso instead of El Paso District. This will be corrected in the addendum.

**Q24: Is the project over seen by TXDOT?**

A24: No.

**Q25: Can we visit the job site?**

A25: We will contact the GSA consultant about site visits for bidders and provide site visit information in the addendum. (See addendum # 3).

**Q26: Can we get a copy of the attendance to this meeting?**

A26: Yes.

**Q27: Where does power come from?**

A27: From the intersection at Lower Island Road and former FM 1109.

**Q28: Who pays for the overhead powerline to the bridge header and meter pole? Who pays the bill for the 11 months of power on the temporary fence lighting?**

A28: This will be clarified in the addendum.

**Q29: Are we responsible for bringing the power to it?**

A29: This will be clarified in the addendum.

**Q30: Who will be paying for power link when you get to the bridge?**

A30: This will be clarified in the addendum.

**Q31: Who is paying for temporary lighting and temporary fence?**

A31: This will be clarified in the addendum.

### **Clarification of Pre-Bid Conference Questions**

**Item # 2 The following supplemental information is provided in response to question # 10 of the pre-bid conference:**

Prospective bidders are hereby advised that the U.S. Contractor will not be held responsible for delay to construction of the international span that is included in Additive Alternate # 1 if that delay is caused solely by failure of the Mexican contractor to construct bent # 7 by the date indicated below:

- Construction of bent # 7 is to be completed by the Mexican Contractor by no later than August 1, 2012.
- Construction of bent # 8 is to be completed by the U.S. Contractor by no later than August 1, 2012.

**Item # 3 The following supplemental information is provided in response to question # 20 of the pre-bid conference:**

The note on sheet 14 has been revised to read as follows: "Material for embankment must be obtained from offsite sources." See attached revised sheet 14.

**Item # 4 The following supplemental information is provided in response to question # 23 of the pre-bid conference:**

Where "El Paso District" is shown in this note is replaced by "the County of El Paso". See attached revised sheet 5B.

In addition, the Contractor is advised of the following expansion of general note 1 on plan sheet 2 to include that wherever "El Paso District" is referred in the plans that this shall mean the County of El Paso. See the attached revised plan sheet 2.

Lastly, on page 105 of the Bid / Spec book the following note has been added:

Wherever "The Department" or "El Paso District" is referred to in the plans and in the "Texas Standard Specifications for Construction and Maintenance of Highways, Streets and Bridges (2004)" for this project shall mean the County of El Paso.

See attached revised page 105 of the Bid / Spec book.

**Item # 5 The following supplemental information is provided in response to questions # 28, 29, 30, and 31 of the pre-bid conference concerning electrical service clarification:**

The cost to construct the overhead powerline from the intersection of Lower Island Road and former FM 1109 to the contractor installed service pole shall be paid for by El Paso County.

Cost of electrical power for the temporary border fence lighting, under bridge permanent lighting will be paid for by El Paso County, once the noted lighting is installed and accepted for temporary or permanent use.

Furnishing and installation of all temporary fencing, lighting fixtures, conduits, etc. shall be as part of the base bid.

**Item # 6 The following supplemental information is provided in response to question # 25 of the pre-bid conference concerning contact information for job site visits:**

Job site visit information was furnished in addendum # 3. Refer to addendum # 3.

**NOTE: BIDDERS ARE REQUIRED TO INDICATE THEIR ACKNOWLEDGEMENT OF THIS ADDENDUM IN THE APPROPRIATE LOCATION ON THE BID PROPOSAL FORM.**

**END OF ADDENDUM NO. 4**

**TORNILLO-GUADALUPE NEW INTERNATIONAL BRIDGE**

(EMBANKMENT, DRILLED SHAFTS, CAST IN PLACE CONCRETE SUBSTRUCTURE, PRECAST/PRE-STRESSED CONCRETE BEAMS, PRECAST DECK PANELS, CAST-IN-PLACE SLAB, TRAFFIC RAILS, BRIDGE ILLUMINATION, STRIPING, & RIPRAP, ETC.)

GOVERNING TECHNICAL SPECIFICATIONS, SPECIAL PROVISIONS,  
AND SPECIAL SPECIFICATIONS

A PROJECT FOR:



The applicable Specifications, Special Provisions, and Special Specification Data either included by reference or included in this document have been selected, developed, and/or modified by me, or under my responsible supervision as being applicable to this project. Alteration of a sealed document without proper notification to the responsible engineer is an offense under the Texas Engineering Practice Act



The seal appearing on this document was authorized by Sidney A. Mielke, P.E. November 2011

**Wherever "The Department" or "El Paso District" is referred to in the plans and in the "Texas Standard Specifications for Construction and Maintenance of Highways, Streets and Bridges (2004)" for this project shall mean the County of El Paso.**

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SHT. NO.

SHEET TITLE

SHT. NO.



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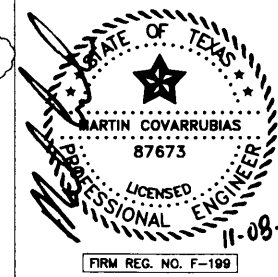
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**GENERAL NOTES:**

- WHEREVER "THE DEPARTMENT" OR "EL PASO DISTRICT" IS REFERRED TO IN THE PLANS AND IN THE "TEXAS STANDARD SPECIFICATIONS FOR CONSTRUCTION AND MAINTENANCE OF HIGHWAYS, STREETS AND BRIDGES (2004)" FOR THIS PROJECT SHALL MEAN THE COUNTY OF EL PASO.
- THE CONTRACTOR WILL BE REQUIRED TO MAINTAIN SUITABLE ACCESS THROUGH AND AROUND THE PROJECT SITE FOR U.S. BORDER PATROL AND THE INTERNATIONAL BOUNDARY AND WATER COMMISSION.

4 ADDENDUM NO.4 11-8-11

 <b>THE COUNTY OF EL PASO</b>								
 <b>STRUCTURAL ENGINEERING ASSOCIATES, INC.</b> CONSULTING ENGINEERS								
<b>TORNILLO-GUADALUPE NEW INTERNATIONAL BRIDGE</b>								
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<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 25%;">DWN. S.Z.T.</td> <td style="width: 25%;">DESIGN H.A.A.</td> <td style="width: 25%;">DATE 1-7-11</td> <td style="width: 25%;">SHEET NO.</td> </tr> <tr> <td>DWG. CK. H.A.A.</td> <td>DESIGN CK. M.C.</td> <td>DRAWING FILE 03-044C</td> <td style="text-align: center; vertical-align: middle;">2</td> </tr> </table>	DWN. S.Z.T.	DESIGN H.A.A.	DATE 1-7-11	SHEET NO.	DWG. CK. H.A.A.	DESIGN CK. M.C.	DRAWING FILE 03-044C	2
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REVISION 5-20-11

\* THESE ARE TEXAS D.O.T. MODIFIED STANDARDS. THE DEPARTMENT IS NOT RESPONSIBLE FOR THEIR APPLICATION TO THIS SPECIFIC PROJECT.

ITEM 132--EMBANKMENT

ALL MATERIAL USED FOR THIS ITEM SHALL MEET OR EXCEED TRIAXIAL CLASS 4 WHEN TESTED IN ACCORDANCE WITH TEXAS TEST METHOD TEX-117-E, "TRIAxIAL COMPRESSION TESTS FOR DISTURBED SOILS AND BASE MATERIALS; PART -1". THE MAXIMUM P.I. FOR MATERIALS SHALL BE 15.

ITEM 204--SPRINKLING (DUST CONTROL)

THIS ITEM WILL BE USED TO PREVENT WIND EROSION OF EXPOSED SOIL AS REQUIRED, OR AS DIRECTED.

THE CONTRACTOR IS RESPONSIBLE TO CONTROL BLOWING DUST DURING EARTHWORK ACTIVITIES SUBSIDIARY TO ITEM 132.

ITEM 204-- SHALL ONLY BE UTILIZED UNDER EXCEPTIONAL CASES NOT COVERED UNDER THE PERTINENT EARTHWORK ITEMS AS DIRECTED FOR DUST CONTROL. PAYMENT FOR THIS ITEM SHALL BE CONSIDERED SUBSIDIARY TO ITEM 132.

ITEM 416--DRILLED SHAFT FOUNDATIONS

DRILLED SHAFT CONSTRUCTION AT ALL ABUTMENTS AND INTERIOR BENTS SHALL BE BY AN APPROVED METHOD, AS DIRECTED.

ALL FOUNDATIONS SHALL BE STAKED BY THE CONTRACTOR AND LOCATIONS APPROVED PRIOR TO DRILLING OPERATIONS IN ORDER TO ENSURE THAT THERE IS NOT A CONFLICT WITH UTILITY LINES.

ITEM 421--HYDRAULIC CEMENT CONCRETE

TYPE II CEMENT SHALL BE USED IN CLASS A,B,C & S CONCRETE BUT MAY BE USED IN ALL OTHER CONCRETE.

CONCRETE TRUCKS WILL NOT BE ALLOWED TO WASH-OUT OR DISCHARGE SURPLUS CONCRETE OR DRUM-WASH WATER ON THE PROJECT SITE, EXCEPT AT APPROVED LOCATIONS WHERE APPROVED EARTHEN BERMS HAVE BEEN CONSTRUCTED FOR THAT PURPOSE.

PERSONNEL HANDLING, TRANSPORTING AND CURING OF ALL CONCRETE TEST SPECIMENS WILL BE ACI CERTIFIED AND APPROVED BY THE COUNTY OF EL PASO. IN ADDITION, EQUIPMENT WILL BE CERTIFIED PRIOR TO THEIR USE. ALL CONCRETE QUALITY TESTS AND MOLDING OF ALL TEST SPECIMENS SHALL BE PERFORMED BY THE COUNTY OF EL PASO EMPLOYEES OR ITS CONSULTANTS CERTIFIED PERSONNEL.

FURNISH AND MAINTAIN ALL TEST MOLDS MEETING THE REQUIREMENTS OF TEST METHOD TEX-447-A AND TEX-448-A. THE TEST MOLDS MUST BE READY FOR USE WHEN NEEDED. CURE CONCRETE TEST BEAM AND PROVIDE PERSONNEL TO REMOVE TEST SPECIMENS FROM MOLDS AND TRANSPORT THEM TO CURING LOCATION, AS DIRECTED. FOR ALL CONCRETE ITEMS, HAVE AVAILABLE A WHEELBARROW OR OTHER ACCEPTABLE CONTAINER TO USE IN SAMPLING OF CONCRETE. ALL LABOR, TOOLS, EQUIPMENT AND INCIDENTALS NECESSARY TO COMPLETE THE WORK WILL BE SUBSIDIARY TO THE VARIOUS BID ITEMS.

ALL CLASS "A" AND "B" CONCRETE USED FOR SAMPLING AND TESTING PURPOSES ONLY, WILL BE DEFINED AS MISCELLANEOUS CONCRETE.

ALL CONCRETE DESIGNS AND CONCRETE AGGREGATE SOURCES SHALL BE APPROVED.

7-DAY JOB CONTROL TESTS WILL BE IN ACCORDANCE WITH TEST METHOD TEX-418-A "COMPRESSIVE STRENGTH OF CYLINDRICAL CONCRETE SPECIMENS".

ITEM 422--REINFORCED CONCRETE SLAB

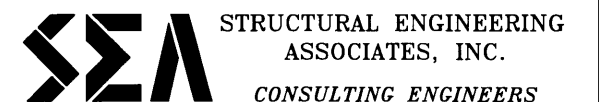
WHEN THE HEADER OR RAIL SYSTEM FOR A SELF-PROPELLED TRANSVERSE FINISHING MACHINE IS LOCATED OTHER THAN DIRECTLY OVER A BEAM OR GIRDER, IT SHALL BE DESIGNED TO PROVIDE MAXIMUM LONGITUDINAL LOAD DISTRIBUTION SO THAT DEFLECTION OF THE HEADER OR RAIL SYSTEM CAN BE MINIMIZED DURING PLACEMENT OF THE CONCRETE SLAB. THE HEADER OR RAIL SYSTEM SHALL BE APPROVED, BEFORE CONSTRUCTION OF THE SYSTEM.

ITEM 427--SURFACE FINISHES FOR CONCRETE

PROVIDE A RUB FINISH, OR AS DIRECTED. ALL SURFACE FINISHES FOR CONCRETE ON THIS PROJECT SHALL NOT BE MEASURED OR PAID FOR DIRECTLY BUT SHALL BE CONSIDERED SUBSIDIARY TO THE VARIOUS BID ITEMS.

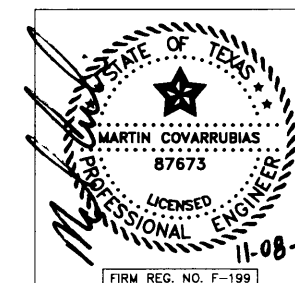
THE EPOXY WATER PROOFING SYSTEM SHALL CONFORM TO TYPE X OF DMS-6100. THE COLOR OF WATERPROOFING MATERIAL SHALL BE WHITE. A SAMPLE OF THE MATERIAL TO BE USED SHALL BE SUBMITTED FOR TESTING PRIOR TO APPROVAL. THE SURFACE OF THE CONCRETE CAP TO WHICH WATERPROOFING IS APPLIED SHALL BE BLAST CLEANED IN ACCORDANCE WITH ITEM 427, "SURFACE FINISHES FOR CONCRETE" THE WATERPROOFING MATERIAL SHALL BE APPLIED IN A MANNER TO OBTAIN A UNIFORM MINIMUM DRY FILM THICKNESS OF 10 MIL (0.010 INCH).

4 ADDENDUM NO.4 11-8-11



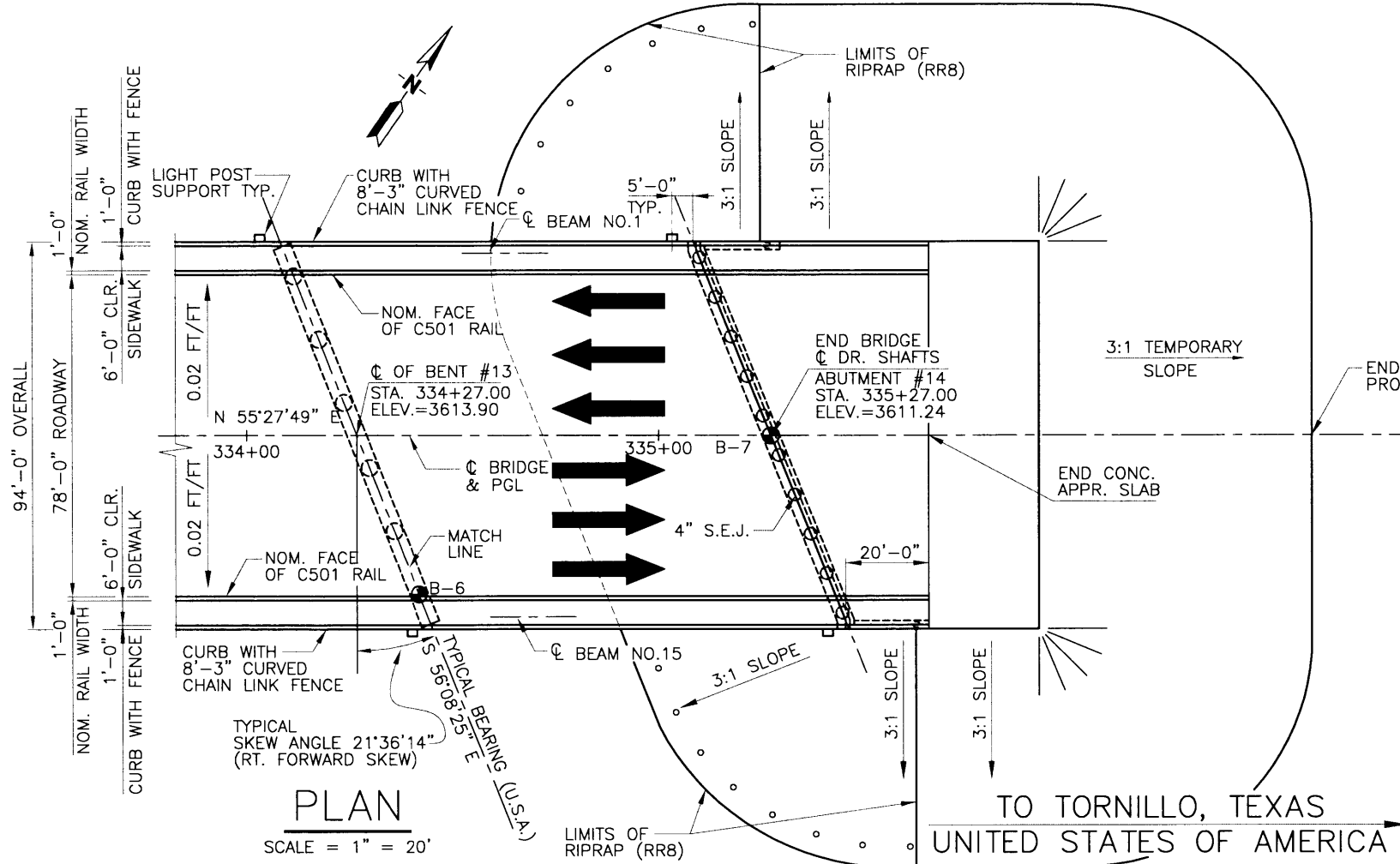
TORNILLO-GUADALUPE  
NEW INTERNATIONAL BRIDGE

GENERAL NOTES &  
SPECIFICATION DATA SHEETS



DWN.	DESIGN	DATE	SHEET NO.
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DWG. CK.	DESIGN CK.	DRAWING FILE	
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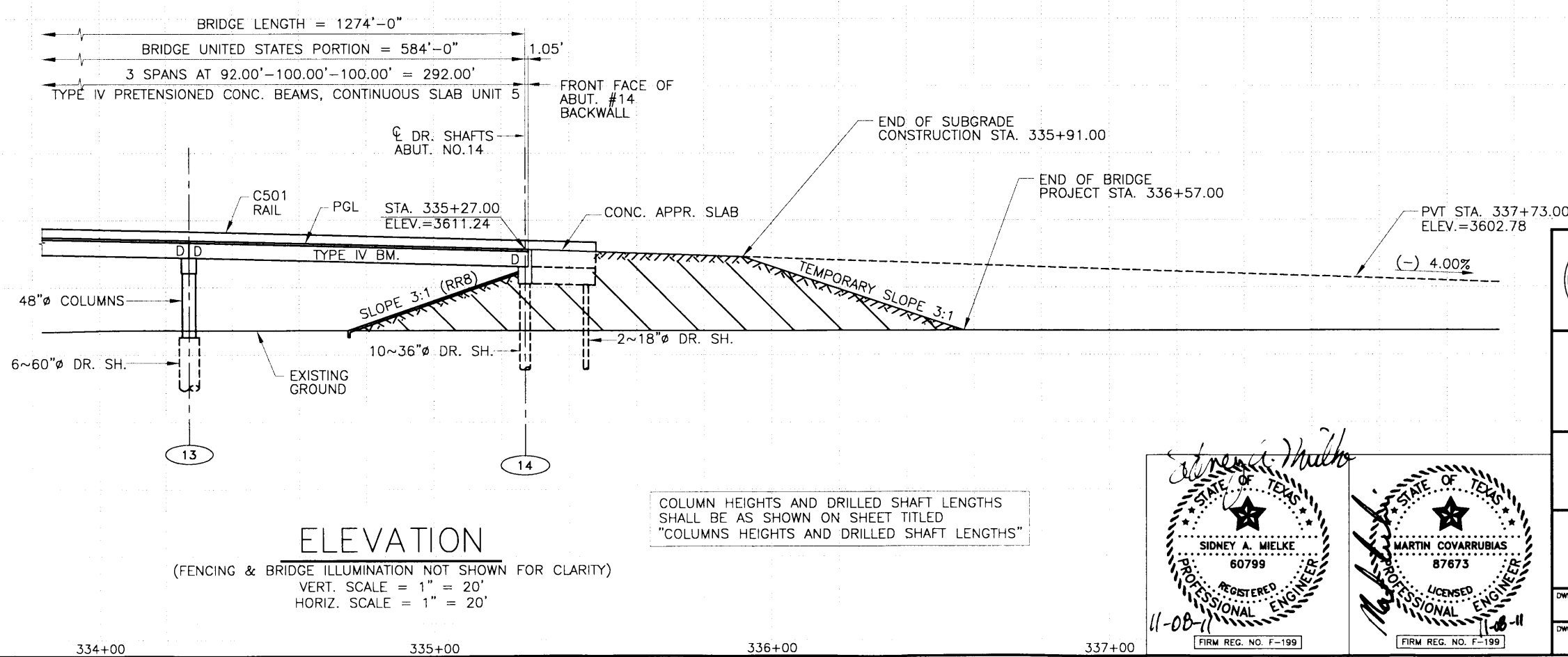




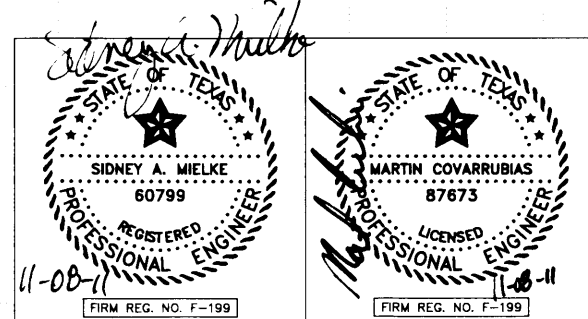
NOTE:  
MATERIAL FOR EMBANKMENT MUST BE OBTAINED FROM OFF SITE SOURCES.  
CONTRACTOR TO COMPLETE EMBANKMENT AND ABUTMENT #14 AT EARLIEST POSSIBLE DATE BUT NO LATER THAN 25 MAY 2012

PROSPECTIVE BIDDERS ARE HEREBY ADVISED THAT THE U.S. CONTRACTOR WILL NOT BE HELD RESPONSIBLE FOR DELAY TO CONSTRUCTION OF THE INTERNATIONAL SPAN THAT IS INCLUDED IN ADDITIVE ALTERNATE #1 IF THAT DELAY IS CAUSED SOLELY BY FAILURE OF THE MEXICAN CONTRACTOR TO CONSTRUCT BENT #7 BY THE DATE INDICATED BELOW:  
CONSTRUCTION OF BENT #7 IS TO BE COMPLETED BY THE MEXICAN CONTRACTOR BY NO LATER THAN AUGUST 1, 2012.  
CONSTRUCTION OF BENT #8 IS TO BE COMPLETED BY THE U.S. CONTRACTOR BY NO LATER THAN AUGUST 1, 2012.

⊙ INDICATES CORE BORING, SEE CORE BORING SHTS.      ④ ADDENDUM NO.4 11-8-11      △ REVISION 5-20-11



COLUMN HEIGHTS AND DRILLED SHAFT LENGTHS SHALL BE AS SHOWN ON SHEET TITLED "COLUMNS HEIGHTS AND DRILLED SHAFT LENGTHS"



**THE COUNTY OF EL PASO**

**SEA** STRUCTURAL ENGINEERING ASSOCIATES, INC.  
CONSULTING ENGINEERS

TORNILLO-GUADALUPE  
NEW INTERNATIONAL BRIDGE

BRIDGE LAYOUT  
SPAN 13

DWN.	A.M.H.	DESIGN	S.A.M./H.A.A.	DATE	1-7-11	SHEET NO.	14
DWG. CK.	A.D.K.	DESIGN CK.	H.A.A.	DRAWING FILE	03-044C		