



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

ADDENDUM 6

To: All Interested Bidders
From: Elvia Contreras, Formal Bid Buyer
Date: March 5, 2012
Subject: BID # 11-045, Construction for the Tornillo Guadalupe New International Bridge

The Purchasing Department has received the following questions, between February 15, 2012 and March 1, 2012, in regards to above mention bid:

1. The unit price item listing #1 shows embankment Type b all plan notes indicate embankment Type C. Will you clarify which item governs?

Response: The Bid Book, Unit Price Page 13, item #1 has been revised to reflect Embankment Type C, and is attached.

2. On sheet 122 of the plans, in the lower left hand corner, under Border Fence Replacement the 5th dot states "SEE TYPICAL FENCE DETAILS OF 255 PROJECT, K-3, PHASE 2 SBI NO 2017-1, FOR PERMANENT FENCE AND FOUNDATIONS". Where is this located and how can we obtain these sheets?

Response: Disregard the fourth bulleted note at the bottom left of plan sheet # 122, with text as stated in the question above. All details necessary for re-construction of the permanent border fence are included within the plans for this project.

3. Does this project require a Buy American Act policy?

Response: No

4. Will the Addendum Sheets 15A – 15D be released on the county web page via a .pdf file?

Response: Revised plan sheets # 15A through 15D issued as a part of Addendum #5, are re-issued as a part of this addendum, and are attached.

5. Will there be any further addendums to this project?

Response: No additional addendums beyond Addendum #6 are anticipated.

6. Will all contractor's questions, and answers to those questions, be released for all contractors to see before bid time?

Response: Questions submitted to El Paso County prior to the original deadline were answered as a part of Addendum #4, which is posted on the website. Questions submitted to El Paso County between February 15, 2012 and March 1, 2012 are included with responses within this addendum.

7. Addendum 5 change sheet 13-16, but does not add enough lines on sheet 11 to acknowledge all addendums.

Response: Bid Book, Bid Form page 11 has been revised to allow for acknowledgement of all addenda, and is attached.

8. On sheet 12 they ask for a Base Proposal dollar amount and for an Additive Alternative No.1 dollar amount, but it does not show where to input the Additive Alternative No. 2 and Additive Alternative No. 3 dollar amounts?

Response: Bid Book, Bid Form page 12 has been revised to include positions for entry of total amounts bid for Additive Alternates No. 2 and No. 3, and is attached.

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

END OF ADDENDUM NO. 6

BID FORM (LUMP SUM CONTRACT)

Place County of El Paso Purchasing Department

Date _____

Project No. 11-045

Proposal of _____ (hereinafter called Bidder), a corporation organized under the laws of the State of _____/a partnership/an individual doing business as _____(strike out inapplicable references).

To the County of El Paso (hereinafter called Owner).

Gentlemen:

The Bidder, in compliance with your invitation for bids for the construction of the Construction for the Tornillo Guadalupe New International Bridge that consists of the following:

The project consists of but is not limited to the following: **Constructing 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.**

having examined the plans and specifications with related documents and the site of the proposed work, and being familiar with all of the conditions surrounding the construction of the proposed project including the availability of materials and labor, hereby proposes to furnish all labor, materials, and supplies: and to construct the project in accordance with the Contract Documents within the time set forth herein, and at the prices stated below. These prices are to cover all expenses incurred in performing the work required under the Contract Documents, of which this proposal is a part.

Bidder hereby agrees to commence work under this contract on or before a date to be specified in a written "Notice to Proceed: of the Owner and to fully complete the project within 365 consecutive calendar days thereafter as stipulated in the specifications. Bidder further agrees to pay as liquidated damages, the sum of \$ 1000 for each consecutive calendar day thereafter as hereinafter provided in the GENERAL CONDITIONS.

Bidder acknowledges receipt of the following addenda:

Date	Addendum Number	Date	Addendum Number
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

BASE PROPOSAL: Bidder agrees to perform Constructing 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.

as necessary and work described in the specifications and shown on the plans for the sum of (\$ _____) _____
(Amount shall be shown in both words and figures, for base proposal and any additive alternates. In case of discrepancy, the amount shown in words will govern).

Additive Alternative No. 1

Bidder agrees to perform all work described in the specifications and shown on the plans for the sum of (\$ _____) _____

Additive Alternative No. 2

Bidder agrees to perform all work described in the specifications and shown on the plans for the sum of (\$ _____) _____

Additive Alternative No. 3

Bidder agrees to perform all work described in the specifications and shown on the plans for the sum of (\$ _____) _____

Please do not include tax, as the County is tax exempt. The County will sign tax exemption certificates covering these items. Please submit one (1) original copy and two (2) duplicate copies of your bid response.

Company

Address

Federal Tax Identification No.

City, State, Zip Code

CIQ Document Number

CIQ Sent Date

Representative Name & Title

Telephone

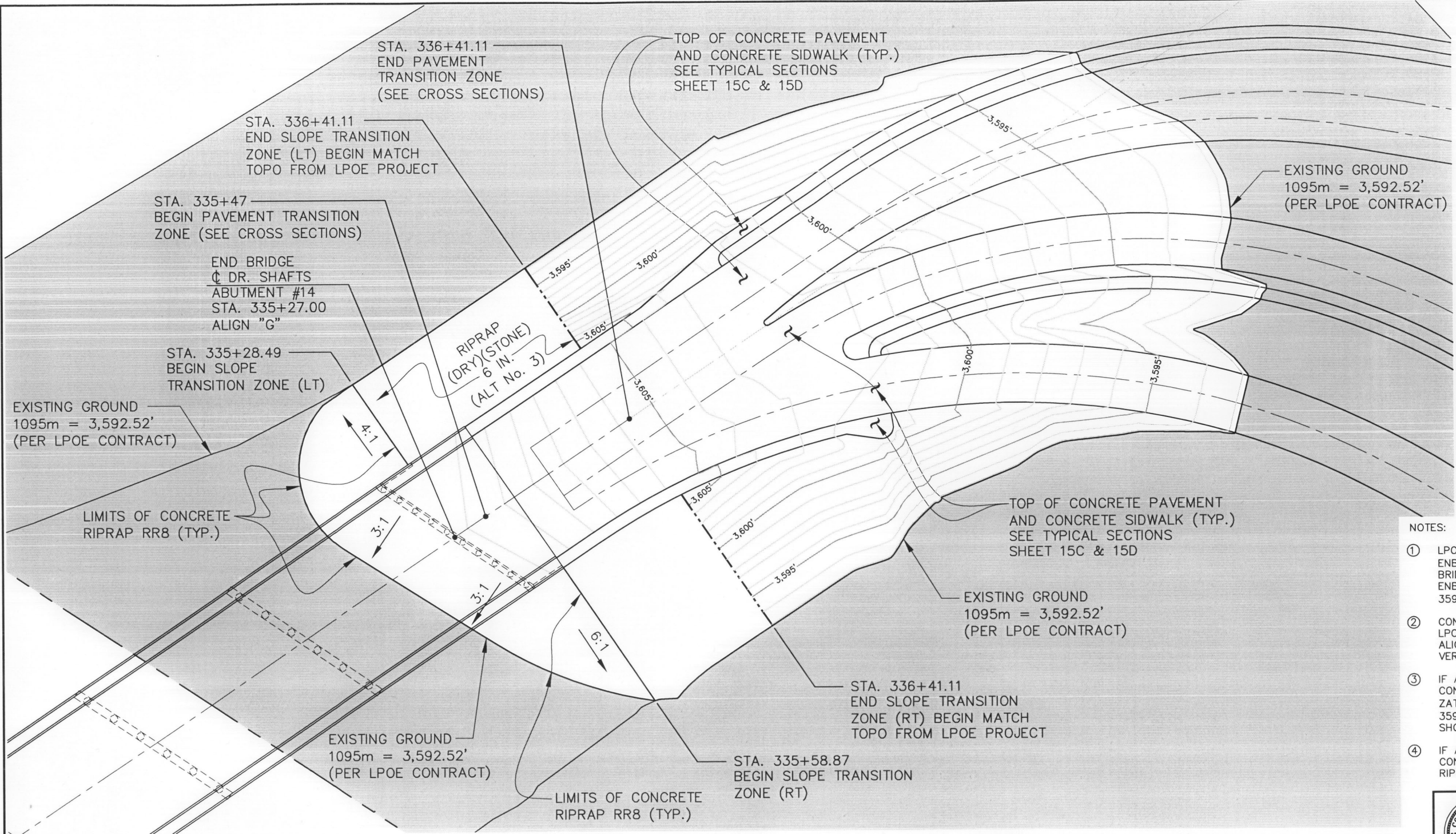
Fax Number

E-mail

UNIT PRICES

For changing quantities of work items from those indicated by the contract drawings upon written instructions from the architect/engineer, the following unit prices shall prevail:

Item No./ Spec. No.	Est. Qty.	Unit of Meas	Item Description / Unit Price (in Words)	Unit Price (in numbers)	Extension (in numbers)
BASE	BID				
1. 132 ** (6)	21500	CY	EMBANKMENT, TYPE C _____ /unit		
2. 164	9664	SY	Seeding for erosion control _____ /unit		
3. 401	311	CY	Flowable Backfill _____ /unit		
4. 416	100	LF	Drill Shaft (18") _____ /unit		
5. 416	800	LF	Drill Shaft (36") _____ /unit		
6. 416	2400	LF	Drill Shaft (60") _____ /unit		
7. 420	78.4	CY	CL C Conc (Abut) _____ /unit		
8. 420	784.9	CY	CL C Conc (Bent) _____ /unit		
9. 420	142.5	CY	CL S Conc (Appr Slab) _____ /unit		
10. 422	55056	SF	Reinf Conc Slab (CL S) _____ /unit		
11. 425	8746.9	LF	Prest Conc Beam (TY IV) _____ /unit		
12. 428	6231	SY	Conc Surf Treat (Class I) _____ /unit		
13. 432	195	CY	Riprap Concrete, Class "B" _____ /unit		
14. 442	496	LB	Structural Steel, misc. _____ /unit		



ESTIMATED QUANTITIES	
EMBANKMENT	21,500 C.Y.
ESTIMATED QUANTITIES ALTERNATE No. 2	
CEMENT STABILIZATION (6")	69.0 TONS
CEMENT STABILIZATION (6")	4,490.0 S.Y.
ESTIMATED QUANTITIES ALTERNATE No. 3	
RIPRAP (DRY)(STONE)(6")	125 C.Y.

* ALL QUANTITIES SHOWN THIS SHEET ARE FOR CONTRACTOR'S INFORMATION ONLY. THESE ITEMS ARE TO BE PLANS QUANTITY MEASUREMENT.

NOTES:

- LPOE CONTRACTOR IS RESPONSIBLE FOR CONSTRUCTING EMBANKMENT BELOW ELEVATION 3592.52' = 1095m. BRIDGE CONTRACTOR IS RESPONSIBLE FOR CONSTRUCTING EMBANKMENT TO TOP OF SUBGRADE LEVEL FROM ELEVATION 3592.52' = 1095m.
- CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING WITH LPOE CONTRACTOR TIE IN OF HORIZONTAL LAYOUTS OF ALIGNMENTS A, B, C AND D ALONG WITH COORDINATION OF VERTICAL BENCH MARK ELEVATIONS.
- IF ALTERNATE No. 2 IS ACCEPTED BY EL PASO COUNTY, CONTRACTOR SHALL BE RESPONSIBLE FOR CEMENT STABILIZATION OF TOP 6" PAVEMENT SUBGRADE ABOVE ELEVATION 3592.52' TO END BRIDGE APPROACH SLAB, PER GEOMETRY SHOWN ON THIS SHEET.
- IF ALTERNATE No. 3 IS ACCEPTED BY EL PASO COUNTY, CONTRACTOR IS RESPONSIBLE FOR PLACEMENT OF DRY STONE RIPRAP AS SHOWN THIS SHEET.

U.S. EMBANKMENT - TOPOGRAPHIC PLAN

SCALE: 1" = 60'

SHADED AREA REPRESENTS EARTHWORK AREA NOT IN THIS CONTRACT. LPOE CONTRACTOR REQUIRED TO PROVIDE EARTHWORK TO ELEVATION 1095.0m (3592.52') IN SHADED AND UNSHADED AREAS.



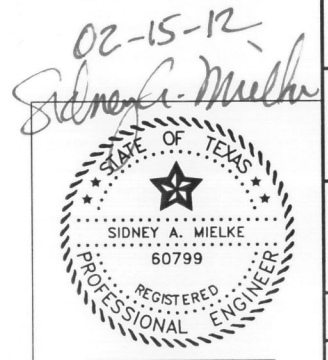
THE COUNTY OF EL PASO



STRUCTURAL ENGINEERING ASSOCIATES, INC.
CONSULTING ENGINEERS

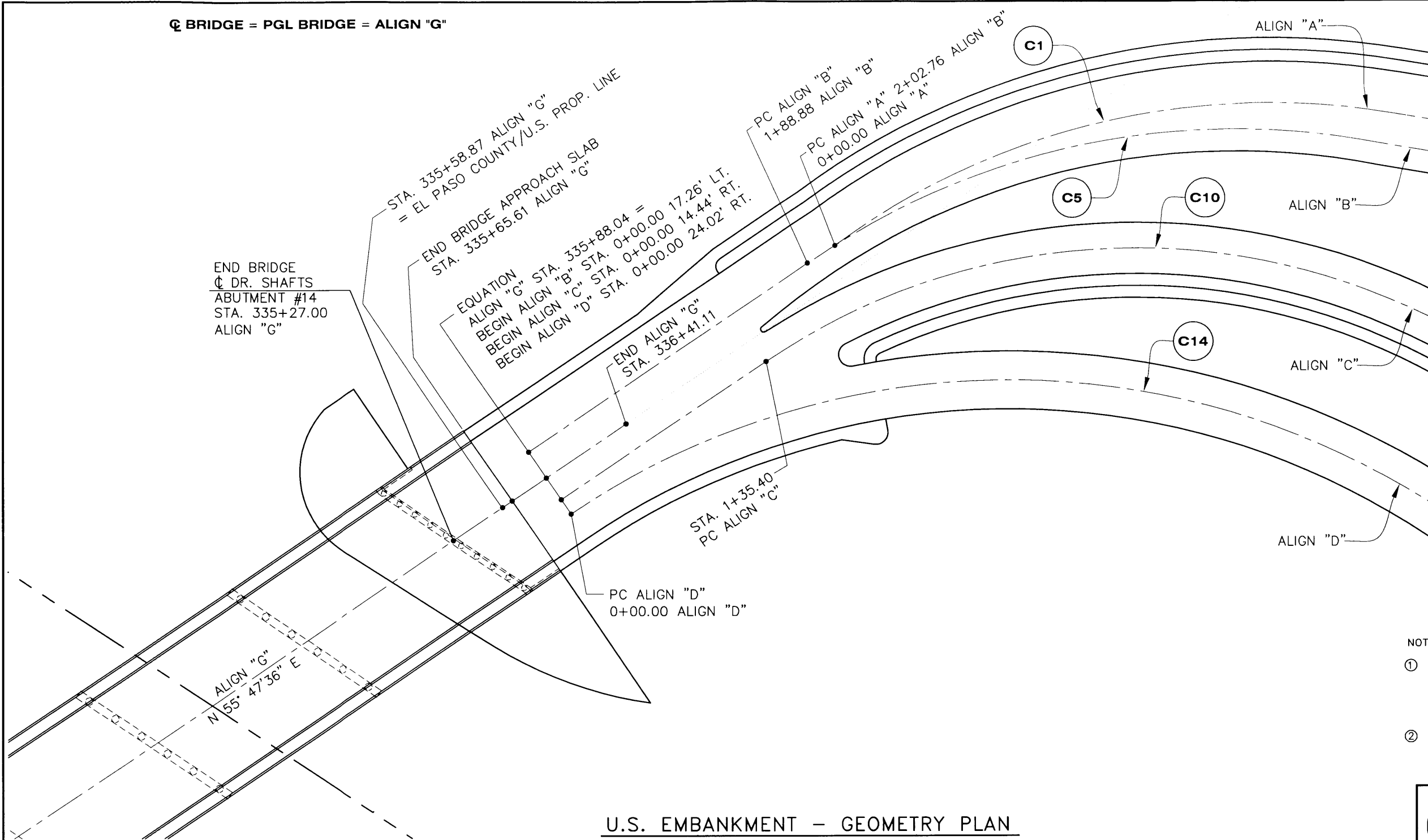
TORNILLO-GUADALUPE
NEW INTERNATIONAL BRIDGE

U.S. BRIDGE END
TOPOGRAPHIC PLAN



DWN.	DESIGN	DATE	SHEET NO.
Ray T.	S.A.M.	12-23-11	15A
DWG. CK.	DESIGN CK.	DRAWING FILE	
S.A.M.	S.A.M.	11-005C	

☒ BRIDGE = PGL BRIDGE = ALIGN "G"



U.S. EMBANKMENT - GEOMETRY PLAN

SCALE: 1" = 60'

- NOTES:
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CURVE C1 - ALIGNMENT "A"
 PC 0+00.00 ALIGN "A" (2+02.76 ALIGN "B")
 END CURVE THIS PROJECT = 1+80.51 "A"
 L = 180.51'
 R = 403.74'
 Δ = 25°36'56"

CURVE C10 - ALIGNMENT "C"
 PC 1+35.40 ALIGN "C"
 END CURVE THIS PROJECT = 3+95.16 "C"
 L = 259.76'
 R = 360.07'
 Δ = 41°19'59"

CURVE C5 - ALIGNMENT "B"
 PC 1+88.88 ALIGN "B"
 END CURVE THIS PROJECT = 3+99.61 "B"
 L = 210.73'
 R = 410.53'
 Δ = 29°24'43"

CURVE C14 - ALIGNMENT "D"
 PC 0+00.00 ALIGN "D"
 END CURVE THIS PROJECT = 3+78.49 "D"
 L = 378.49'
 R = 426.11'
 Δ = 50°53'42"



THE COUNTY OF EL PASO



STRUCTURAL ENGINEERING ASSOCIATES, INC.
 CONSULTING ENGINEERS

TORNILLO-GUADALUPE
 NEW INTERNATIONAL BRIDGE

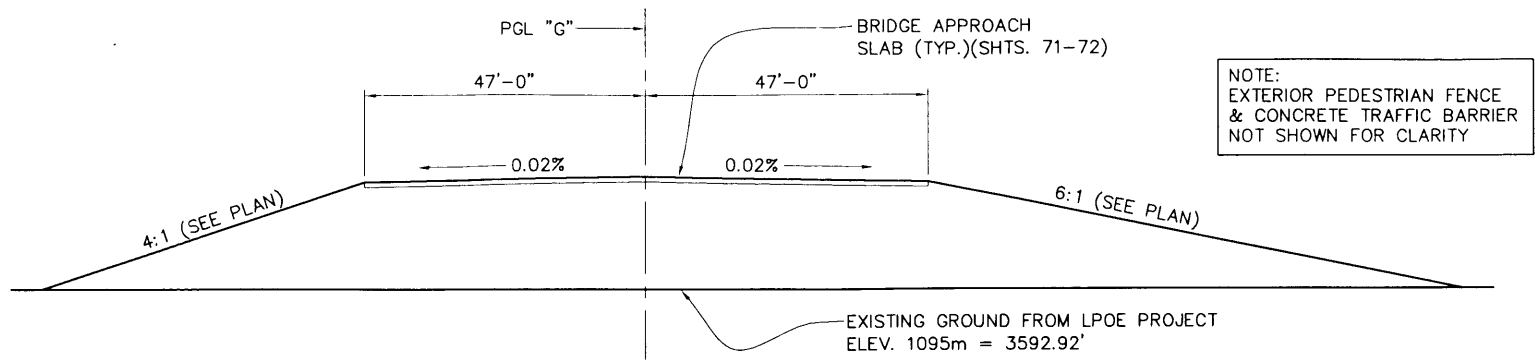
U.S. BRIDGE END
 GEOMETRY PLAN

02-15-12
Sidney A. Mielke

DWN.	DESIGN	DATE	SHEET NO.
Ray T.	S.A.M.	12-23-11	15B
DWG. CK.	DESIGN CK.	DRAWING FILE	
S.A.M.	S.A.M.	11-005C	

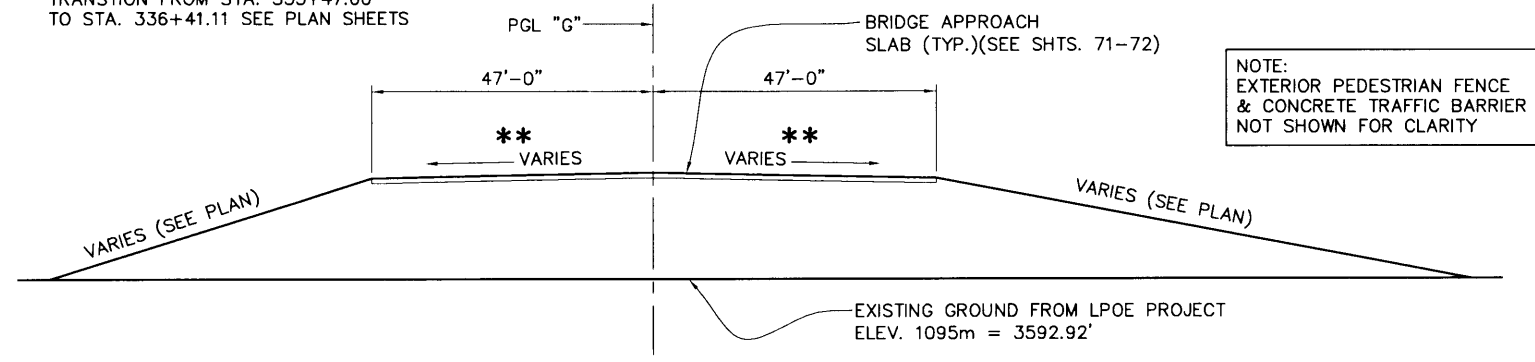
⑤ ADDENDUM No. 5 - 02/15/12 ENTIRE SHEET

TBPE FIRM REG. NO. F-199



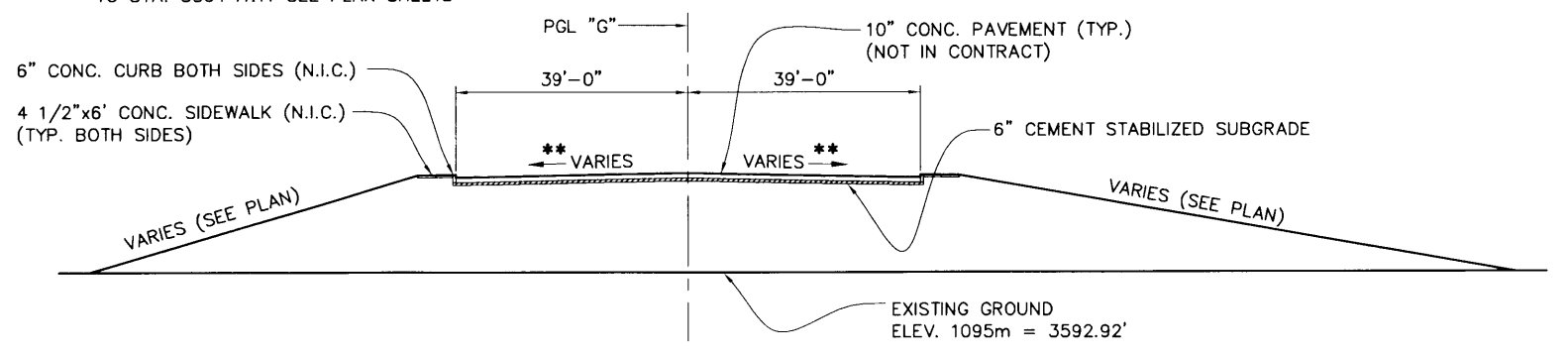
STA. 335+27.00 TO STA. 335+47.00

** TRANSVERSE PAVEMENT CROSS FALL TRANSITION FROM STA. 335+47.00 TO STA. 336+41.11 SEE PLAN SHEETS



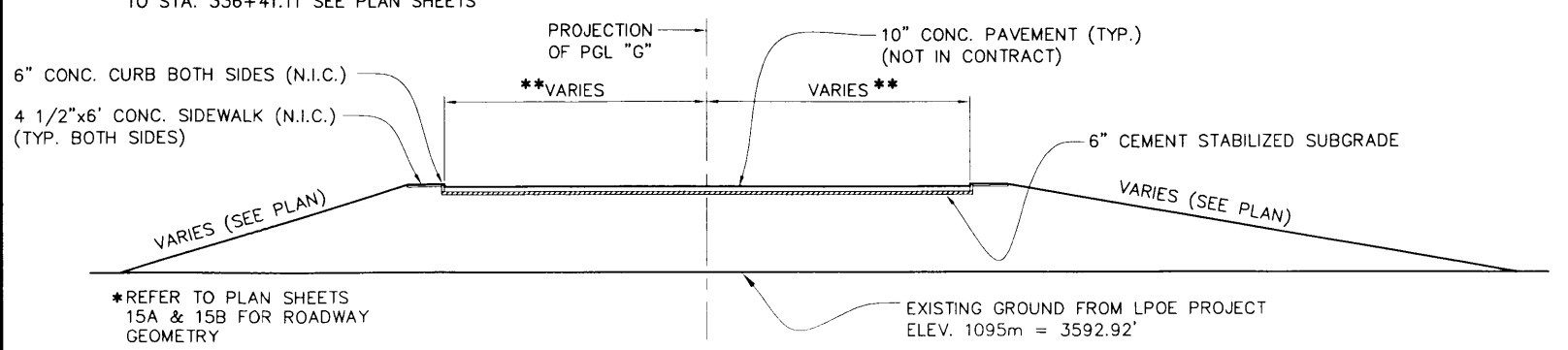
STA. 335+47.00 TO STA. 335+65.61

** TRANSVERSE PAVEMENT CROSS FALL TRANSITION FROM STA. 335+47.00 TO STA. 336+41.11 SEE PLAN SHEETS



STA. 335+65.61 TO STA. 335+88.03



** TRANSVERSE PAVEMENT CROSS FALL TRANSITION FROM STA. 335+47.00 TO STA. 336+41.11 SEE PLAN SHEETS




STA. 335+88.03 TO STA. 336+41.11

ROADWAY CROSS FALL DATA		
STATION	LEFT OF PGL	RIGHT OF PGL
335+27.00	← 0.02	0.02 →
335+47.00	← 0.02	0.02 →
335+65.61	← 0.016	1.016 →
335+88.04	← 0.011	0.011 →
336+41.11	← 0.000	0.000 →

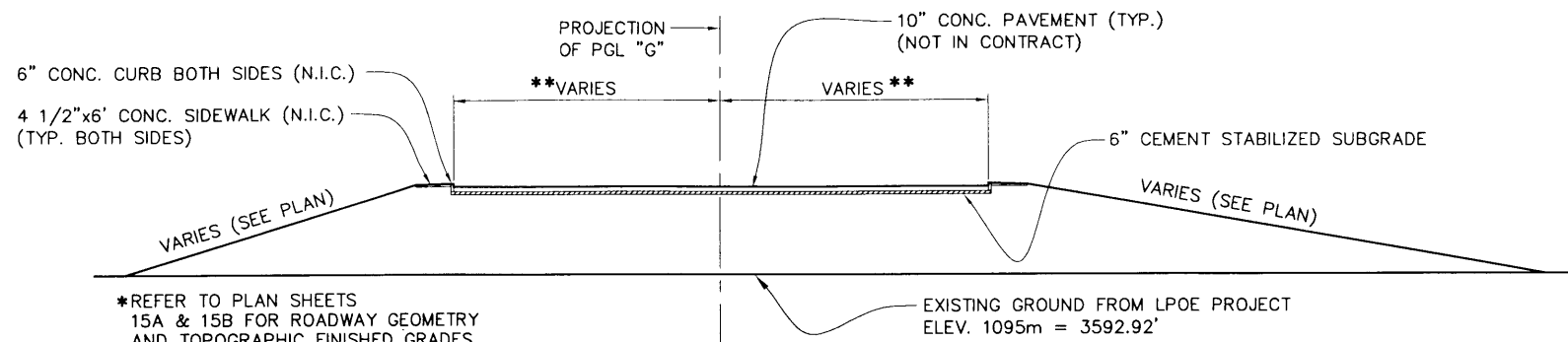
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THE COUNTY OF EL PASO

STRUCTURAL ENGINEERING ASSOCIATES, INC.
 CONSULTING ENGINEERS

02-15-12
Stan Milke

 REGISTERED PROFESSIONAL ENGINEER
 TBPE FIRM REG. NO. F-199

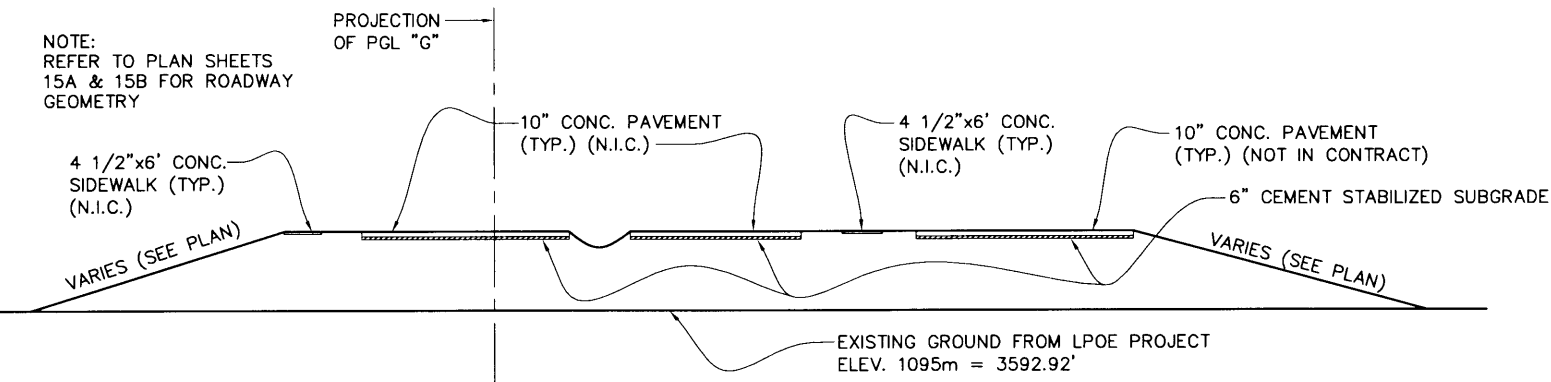
**TORNILLO-GUADALUPE
 NEW INTERNATIONAL BRIDGE**
**U.S. BRIDGE END
 CROSS SECTIONS**

DRAWN Ray T.	DESIGN S.A.M.	DATE 12-23-11	SHEET NO. 15C
DWG. CK. S.A.M.	DESIGN CK. S.A.M.	DRAWING FILE 11-005C	



STA. 336+41.11 TO STA. 337+30.11

ROADWAY CROSS FALL DATA		
STATION	LEFT OF PGL	RIGHT OF PGL
335+27.00	← 0.02	0.02 →
335+47.00	← 0.02	0.02 →
335+65.61	← 0.016	1.016 →
335+88.04	← 0.011	0.011 →
336+41.11	0.000	0.000



STA. 337+30.11 TO STA. END EMBANKMENT

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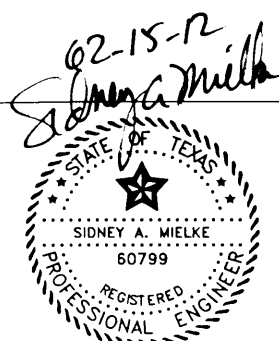
THE COUNTY OF EL PASO



STRUCTURAL ENGINEERING ASSOCIATES, INC.
CONSULTING ENGINEERS

**TORNILLO-GUADALUPE
NEW INTERNATIONAL BRIDGE**

**U.S. BRIDGE END
CROSS SECTIONS**



DRAWN	DESIGN	DATE	SHEET NO. 15D
Ray T.	S.A.M.	12-23-11	
DWG. CK.	DESIGN CK.	DRAWING FILE	
S.A.M.	S.A.M.	11-005C	