

ADDENDUM NO. 1

CITY OF SAN ANTONIO
CAPITAL IMPROVEMENTS MANAGEMENT SERVICES

PROJECT NAME: **Safe Routes to School**

DATE: 5/24/12

This addendum should be included in and be considered part of the plans and specifications for the name of the project. The contractor shall be required to sign an acknowledgement of the receipt of this addendum and submit with their bid.

CIMS PROJECT NO.: **40-00238 & 40-00239**

QUESTIONS & ANSWERS

Question: What is the schedule of the contract award?

Answer: The intended schedule shows the bid opening to be May 30, 2012, the City Council Construction award approval to be June 21, 2012 and the proposed construction start date to be sometime in early July 2012.

Question: Is the existing pedestrian bridge to remain or be removed?

Answer: The plans do not call for removal of the existing pedestrian bridge. It will remain in place and may be removed by another entity at a later date.

Question: If a supplier does not send a material invoice until after the COSA invoicing deadline, will that hold up an estimate for payment?

Answer: No, if material submittals were approved and the work involving the item is complete, the inspector will approve the item for pavement without any restrictions on the payment application. The quantities will also be discussed between the inspector and contractor before being added to the payment application to avoid any additional delays in payment.

Question: Bridge manufactures require some advance payment for shop drawings and fabrication. Will advanced payments on that item be allowed?

Answer: The City will consider partial payments if requested by successful Contractor. Also, the special specification will be slightly altered to provide for that possibility.

Question: Due to the project funding being 100% federal, does this mean that we are using all TxDOT specifications?

Answer: Yes, the project specification manual provided on this project is based on TxDOT specifications and will reference the TxDOT 2004 Specification Book.

Question: Is the CSJ needed for the proper inspection of materials?

Answer: Yes, please provide the CSJ on all shop drawings or fabricator's information to ensure proper TxDOT inspections of material.

Question: Are we sending the submittal information to the consultant for approval?

Answer: This project will be using the new Primelink Portal for all submittals. In the routing process, it will be reviewed by the consultant through the system.

Question: The plans call out a 24" white stripe, but I cannot find a coordinating bid item in the summary.

Answer: This striping is found in Item 0666 2048 in the Glass Elementary School and Neff Middle School estimate and quantity sheets (pages 6 & 7). It has been added to the attached Unit Pricing Forms in the specification book. **PLEASE UTILIZE ATTACHED REVISED 025 UNIT PRICING FORM IN BID SUBMITTAL.**

Question: The plans mention the kiosk signs being installed, but I cannot find a coordinating bid item in the summary.

Answer: A special item (8000) for Kiosk Sign has been added to each school's estimate and quantity sheet, as well as, the Unit Pricing Form. **PLEASE UTILIZE ATTACHED REVISED 025 UNIT PRICING FORM IN BID SUBMITTAL.**

Question: The small sign summary sizes meet TXDOT standards, but those are different from COSA requirements. Which are we using?

Answer: As per S.P. 636-014, sign sizes shall conform to dimensions called out on the plans. See sign summary on Sheets 9-9A.

Question: The plans mention several sign relocations, but I cannot find a coordinating bid item in the summary.

Answer: Note 1 on Sheet 5 of the plan set states that sign relocation shall be paid under Preparation of ROW, Item 100.

Question: The plans provide the option of screening small signs as per TxDOT specification, but COSA does not allow for that method. Which will we be using on this project?

Answer: TxDOT requires us to use items approved in their design specifications in order to receive payment reimbursement. Therefore, we will use what is allowed by TxDOT.

Question: Since the signs must meet TxDOT specifications, will local district inspect signs?

Answer: No, Austin will come inspect once the fabrication and material information is submitted. Please remember to add the CSJ to all submittals and fabrication information to ensure that your signs are identified properly to be inspected.

Question: 82 days seems short, what are the LDs (liquidated damages) on this project?

Answer: Liquidated damages rate for this project is outlined in the table shown on the Working Day Contract standard form. As a part of this addendum we are adjusting the allowed contract time for the work to 100 days. This does not include City holidays or anticipated rain days that will be added during the contract schedule preparation after award.

The project includes a prefabricated steel pedestrian bridge that we understand can take as much as 10 to 12 weeks to design, fabricate and have delivered to the project. Our project objective is to have work commence in July 2012 and have the contract work other than the pedestrian bridge installation substantially completed by October 2012 in order to coincide with an educational component of the Safe Routes program being performed by Northside ISD. If the contract work is substantially completed and the contractor is only waiting for the delivery and installation of the bridge to complete the project, the City will stop contract time charges until the bridge is delivered for installation.

Pedestrian Bridge Q&A

1. What are the drill shaft lengths? (page 72) To be determined by the contractor based on the tip elevation, minimum length and inspection criteria given on C/72.
2. The plans say the bridge to be Contech or Big R, are they the only approved suppliers? (page 73 note 8) No, please see the TxDOT Material Producer list for the complete listing of approved suppliers.
3. What are the col. Heights? (page 71) Each column height will vary depending on the walkway and existing grade elevations.
4. Are you paying for drill shafts under the columns for the elevated sidewalk? (page 71 & 72) All drilled shafts shown are included in the contract and paid per linear foot per item 416-2002.
5. The drill shaft qty. appears to be wrong. Drilled shaft quantity has been increased to 235 linear feet. **PLEASE UTILIZE ATTACHED REVISED 025 UNIT PRICING FORM IN BID SUBMITTAL.**

6. Are the columns under the abutment paid as columns? **Yes. Column pay item 420-2051 quantity has been increased to 12 cubic yards. PLEASE UTILIZE ATTACHED REVISED 025 UNIT PRICING FORM IN BID SUBMITTAL.**
7. How wide is the ramp? (page 71) **The dimension is provided on sheet 71.**
8. How does the rail attach to the ramp sidewalk (page 76) **Guard rail extents are shown on sheet 71. No guard rail is shown on the ramp.**
9. Item 420-2029 is Class S Concrete (Slab) is that for the elevated sidewalk by itself? **This quantity is for the concrete floor on the bridge deck.**
10. Does the bridge have concrete or metal floor? If it is concrete how will it be paid? **The deck will be concrete and the bridge supplier will provide metal deck supports. Payment will be made per item 420-2029.**
11. How do the galvanized plates at the ramp and bridge abutment get paid? (page 74) **No separate pay item.**

ATTACHMENTS:

- **025 Unit pricing forms**
- **Estimate and Quantity Sheets – Sheet 6 & 7**
- **Special Specification 4007-COSA**

CITY OF SAN ANTONIO
025 UNIT PRICING FORM

PROJECT NAME: NISD - SAFE ROUTES TO SCHOOL
PROJECT NO. 161872

1

GLASS ELEMENTARY SCHOOL

ALT. NO.	ITEM NO.	DESC. CODE	S.P. NO	BID ITEM DESCRIPTION	UNIT OF MEASURE	APPROX. QUANTITIES	UNIT BID PRICE	AMOUNT	ITEM SEQUENCE NO.
	0104 2015			REMOVING CONC (SIDEWALKS)	S.Y.	1,419.00			
	0104 2017			REMOV CONC (DRIVEWAYS)	S.Y.	1,125.00			
	0104 2021			REMOVING CONC (CURB)	L.F.	1,672.00			
	0160 2005			FURNISHING AND PLACING TOPSOIL	C.Y.	112.00			
	0162 2002			BLOCK SODDING	S.Y.	985.00			
	0416 2002			DRILL SHAFT (24 IN)	L.F.	12.00			
	0450 2079			RAIL (HANDRAIL) (SPL)	L.F.	24.00			
	0452 2010			REMOV RAIL (PEDESTRIAN)	L.F.	24.00			
	0529 2001			CONC CURB (TY I)	L.F.	1,672.00			
	0529 2014			CONC CURB (TY C)	L.F.	295.00			
	0530 2010			DRIVEWAYS (CONC)	S.Y.	1,125.00			
	0531 2001			CURB RAMPS (TY 1)	EA	6.00			
	0531 2006			CURB RAMPS (TY 2)	EA	2.00			
	0531 2010			CURB RAMPS (TY 7)	EA	8.00			
	0531 2031			CONC SIDEWALKS (4")	S.Y.	1,999.00			
	0531 2040			CURB RAMPS (TY 5)	EA	2.00			
	0531 2065			CONC SIDEWALK (STEPS)	S.Y.	6.00			
	0618 2022			CONDT (PVC) (SCHD 40) (3")	L.F.	95.00			
	0620 2011			ELEC CONDR (NO. 8) BARE	L.F.	80.00			
	0624 2007			GROUND BOX TY A (122311)	EA	2.00			
	0644 9999			INS SM RD SN SUP & AM TY U (COSA)	EA	2.00			
	0666 2048			REFL PAV MRK TY I (W) 24" (SLD) (100MIL)	L.F.	430.00			
	0684 2035			TRF SIG CBL (TY A) (14 AWG) (9 CONDR)	L.F.	14.00			
	0687 2001			PED POLE ASSEMBLY	EA	2.00			
	0688 2001			PED DETECT (2 INCH PUSH BTN)	EA	6.00			
	8708 2001			LED COUNTDOWN PED SIGNAL MODULE	EA	6.00			
	SS001			FURNISH AND INSTALL KIOSK SIGN	EA	1.00			

Total Bid Amount:

CITY OF SAN ANTONIO
025 UNIT PRICING FORM

PROJECT NAME: NISD - SAFE ROUTES TO SCHOOL
PROJECT NO. 161872

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GLASS ELEMENTARY SCHOOL

_____ certifies that the unit prices shown on this complete computer print-out for all of the bid items and the alternates contained in this proposal are the unit prices intended and that its bid will be tabulated using these unit prices and no other information from this print-out.

_____ Acknowledged and agrees that the total bid amount shown will be read as its total bid and further agrees that the official total bid amount will be determined by multiplying the unit bid prices shown in this print-out by the respective estimated quantities shown in the proposal and then totaling all of the extended amounts. _____ agrees to the terms, conditions, and requirements of the bidder's bid proposal.

Signed: _____ Date: _____

Title: _____

CITY OF SAN ANTONIO
025 UNIT PRICING FORM

PROJECT NAME: NISD- SAFE ROUTES TO SCHOOL
PROJECT NO. 161872

NEFF MIDDLE SCHOOL

ALT. NO.	ITEM NO.	DESC. CODE	S.P. NO	BID ITEM DESCRIPTION	UNIT OF MEASURE	APPROX. QUANTITIES	UNIT BID PRICE	AMOUNT	ITEM SEQUENCE NO.
	0104 2015			REMOVING CONC (SIDEWALKS)	S.Y.	2,773.00			
	0104 2017			REMOV CONC (DRIVEWAYS)	S.Y.	2,353.00			
	0104 2021			REMOVING CONC (CURB)	L.F.	2,684.00			
	0160 2005			FURNISHING AND PLACING TOPSOIL	C.Y.	200.00			
	0162 2002			BLOCK SODDING	S.Y.	1,777.00			
	0170 2001			IRRIGATION SYSTEM	L.S.	1.00			
	0416 2002			DRILL SHAFT (24 IN)	L.F.	235.00			
	0420 2001			CL A CONC (MISC)	C.Y.	8.00			
	0420 2003			CL C CONC (ABUT)	C.Y.	15.00			
	0420 2029			CL S CONC (SLAB)	C.Y.	20.00			
	0420 2051			CL C CONC (COLUMN)	C.Y.	12.00			
	0432 2001			RIPRAP (CONC) (4 IN)	C.Y.	5.00			
	0450 2074			RAIL (HANDRAIL) (TY C)	L.F.	460.00			
	0450 2077			RAIL (HANDRAIL) (TY F-MOD)	L.F.	184.00			
	0460 2001			CMP (GAL STL 12 IN)	L.F.	52.00			
	0529 2001			CONC CURB (TY I)	L.F.	3,265.00			
	0529 2014			CONC CURB (TY C)	L.F.	40.00			
	0529 2016			CONC CURB (TY F)	L.F.	470.00			
	0530 2010			DRIVEWAYS (CONC)	S.Y.	2,353.00			
	0531 2001			CURB RAMPS (TY 1)	EA	25.00			
	0531 2010			CURB RAMPS (TY 7)	EA	4.00			
	0531 2031			CONC SIDEWALKS (4")	S.Y.	2,995.00			
	0531 2034			CONC SIDEWALK (DRAIN)	L.F.	28.00			
	0531 2040			CURB RAMPS (TY 5)	EA	4.00			
	0531 2041			CURB RAMPS (TY 10)	EA	4.00			
	0644 9999			INS SM RD SN SUP & AM TY U (COSA)	EA	49.00			
	0666 2048			REFL PAV MRK TY I (W) 24" (SLD) (100MIL)	L.F.	520.00			
	SS4007 XXX1			PRE-FAB BRIDGE SPAN	EA	1.00			
	SS001			FURNISH AND INSTALL KIOSK SIGN	EA	1.00			

CITY OF SAN ANTONIO
025 UNIT PRICING FORM

PROJECT NAME: NISD- SAFE ROUTES TO SCHOOL
PROJECT NO. 161872

NEFF MIDDLE SCHOOL

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Total Bid Amount:

_____ certifies that the unit prices shown on this complete computer print-out for all of the bid items and the alternates contained in this proposal are the unit prices intended and that its bid will be tabulated using these unit prices and no other information from this print-out.

_____ Acknowledged and agrees that the total bid amount shown will be read as its total bid and further agrees that the official total bid amount will be determined by multiplying the unit bid prices shown in this print-out by the respective estimated quantities shown in the proposal and then totaling all of the extended amounts. _____ agrees to the terms, conditions, and requirements of the bidder's bid proposal.

Signed: _____ Date: _____

Title: _____

NEFF MIDDLE SCHOOL QUANTITY SUMMARY (CSJ:0915-12-487)

PLAN SHEET NO.	0104 2015	0104 2017	0104 2021	0160 2005	0162 2002	0170 2001	0420 2001	0432 2001	0450 2074	0460 2001	0529 2001	0529 2014	0529 2016
	REMOVING CONC (SIDEWALKS)	REMOV CONC (DRIVEWAYS)	REMOVING CONC (CURB)	FURNISHING AND PLACING TOPSOIL	BLOCK SODDING	IRRIGATION SYSTEM	CL A CONC (MISC)	RIPRAP (CONC) (4 IN)	RAIL (HANDRAIL) (TY C)	CMP (GAL STL 12 IN)	CONC CURB (TY I)	CONC CURB (TY C)	CONC CURB (TY F)
	S. Y.	S. Y.	L. F.	C. Y.	S. Y.	L. S.	C. Y.	C. Y.	L. F.	L. F.	L. F.	L. F.	L. F.
SRTS-NPLN01.dgn	50		30	42	372		8	4	460	52	610		440
SRTS-NPLN02.dgn	350	210	265	20	176	1		1			265		
SRTS-NPLN03.dgn	270	155	320	16	137						320		
SRTS-NPLN04.dgn	280	208	275	16	143						275		
SRTS-NPLN05.dgn	145	155	102	8	72						103		
SRTS-NPLN06.dgn	310	467	334	17	155						333		
SRTS-NPLN07.dgn	132	216	113	7	66						113		
SRTS-NPLN08.dgn	135	137	245	12	108						245	40	
SRTS-NPLN09.dgn	168	134	151	9	82						151		
SRTS-NPLN10.dgn	151		80	9	76						80		20
SRTS-NPLN11.dgn	290	286	290	16	144						291		10
SRTS-NPLN12.dgn	172	117	158	10	86						158		
SRTS-NPLN13.dgn	256	196	246	14	128						246		
SRTS-NPLN14.dgn	64	72	75	4	32						75		
NEFF PROJECT TOTALS	2773	2353	2684	200	1777	1	8	5	460	52	3265	40	470

NEFF MIDDLE SCHOOL QUANTITY SUMMARY (CSJ:0915-12-487) (CONTINUED)

PLAN SHEET NO.	0530 2010	0531 2001	0531 2006	0531 2010	0531 2012	0531 2031	0531 2034	0531 2040	0531 2041	0666	SS001
	DRIVEWAYS (CONC)	CURB RAMPS (TY 1)	CURB RAMPS (TY 2)	CURB RAMPS (TY 7)	CURB RAMPS (TY 9)	CONC SIDEWALKS (4")	CONC SIDEWALK (DRAIN)	CURB RAMPS (TY 5)	CURB RAMPS (TY 10)	REFL PAV MK TY I (W) 24 (SLD) (100MIL)	FURNISH AND INSTALL KIOSK SIGN
	S. Y.	EA	EA	EA	EA	S. Y.	L. F.	EA	EA	L. F.	L. F.
SRTS-NPLN01.dgn				2		255	28	4	1	70	
SRTS-NPLN02.dgn	210	5		1		361				50	
SRTS-NPLN03.dgn	155	5	1			275			1	100	
SRTS-NPLN04.dgn	208				2	285				50	
SRTS-NPLN05.dgn	155					145					
SRTS-NPLN06.dgn	467					311					
SRTS-NPLN07.dgn	216					132					
SRTS-NPLN08.dgn	137					135					
SRTS-NPLN09.dgn	134					168					
SRTS-NPLN10.dgn		4			1	151			1	50	
SRTS-NPLN11.dgn	286	3				290			1	100	
SRTS-NPLN12.dgn	117	1		1		172				50	
SRTS-NPLN13.dgn	196	2				256				50	
SRTS-NPLN14.dgn	72					64					
NEFF PROJECT TOTALS	2353	20	1	4	3	3000	28	4	4	520	1

NEFF MIDDLE SCHOOL BRIDGE ITEM QUANTITY SUMMARY (CSJ: 0915-12-487)

BRIDGE AND RELATED STRUCTURE ITEMS	0416 2002	0420 2003	0420 2029	0420 2051	0450 2077	SS4007 XXX1
	DRILL SHAFT (24 IN)	CL C CONC (ABUT)	CL S CONC (SLAB)	CL C CONC (COLUMN)	RAIL (HANDRAIL) (TY F-MOD)	PRE-FAB BRIDGE SPAN
	L. F.	C. Y.	C. Y.	C. Y.	L. F.	EA
	100	15	20	6	184	1
NEFF BRIDGE TOTALS	235	15	20	12	184	1

SMALL SIGN SUMMARY(CSJ:0915-12-487)

0644 9999	INS SM RD SN SUP & AM TY U (COSA)	EA	49
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1	05/24/12	ADDENDUM 1	
NO.	DATE	REVISION	APPR BY
			
			
			
N.I.S.D. SAFE ROUTES TO SCHOOL ESTIMATED QUANTITIES			
N. T. S.			SHEET 1 OF 2
FED. RD. DIV. NO. 6	FEDERAL AID PROJECT NO.		SHEET NO. 6
STATE TEXAS	DIST. SAT	COUNTY BEXAR	
CONT. 0915	SECT. 12	JOB 486, etc.	HIGHWAY NO. VARIOUS

User Name: mpcalocio
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GLASS ELEMENTARY SCHOOL QUANTITY SUMMARY (CSJ:0915-12-486)

PLAN SHEET NO.	0104 2015	0104 2017	0104 2021	0160 2005	0162 2002	0450 2079	0452 2010	0529 2001	0529 2014	0530 2010	0531 2001	0531 2006
	REMOVING CONC (SIDEWALKS)	REMOV CONC (DRIVEWAYS)	REMOVING CONC (CURB)	FURNISHING AND PLACING TOPSOIL	BLOCK SODDING	RAIL (HANDRAIL) (SPL)	REMOV RAIL (PEDESTRIAN)	CONC CURB (TY I)	CONC CURB (TY C)	DRIVEWAYS (CONC)	CURB RAMPS (TY 1)	CURB RAMPS (TY 2)
	S. Y.	S. Y.	L. F.	C. Y.	S. Y.	L. F.	L. F.	L. F.	L. F.	S. Y.	EA	EA
SRTS-GPLN01.dgn	285	125	232	17	152	8	8	232	40	125	2	
SRTS-GPLN02.dgn	265	227	228	16	139	16	16	228	80	227		
SRTS-GPLN03.dgn	270	212	198	16	140			198	135	212		1
SRTS-GPLN04.dgn	132	34	118	8	74			118		34	1	1
SRTS-GPLN05.dgn	295	115	500	18	158			500		115	1	
SRTS-GPLN06.dgn	102	74	70	7	58			70		74		
SRTS-GPLN07.dgn	50	178	186	16	138			186		178	1	
SRTS-GPLN08.dgn	20	160	140	14	126			140	40	160	1	
SRTS-GPLN09.dgn	35	145	170	16	146			178	230	145	4	
SRTS-GPLN10.dgn			12	2	18			12			1	
GLASS PROJECT TOTALS	1454	1270	1854	130	1149	24	24	1862	525	1270	11	2

GLASS ELEMENTARY SCHOOL SUMMARY (CSJ:0915-12-486)(CONTINUED)

PLAN SHEET NO.	0531 2010	0531 2031	0531 2040	0531 2065	0666	SS001
	CURB RAMPS (TY 7)	CONC SIDEWALKS (4")	CURB RAMPS (TY 5)	CONC SIDEWALK (STEPS)	REFL PAV MK TY 1 (W) 24 (SLD) (100MIL)	FURNISH AND INSTALL KIOSK SIGN
	EA	S. Y.	EA	S. Y.	L. F.	L. F.
SRTS-GPLN01.dgn	1	309	2		280	
SRTS-GPLN02.dgn		278		4	70	
SRTS-GPLN03.dgn	2	280				
SRTS-GPLN04.dgn		148				
SRTS-GPLN05.dgn		316				
SRTS-GPLN06.dgn		116				
SRTS-GPLN07.dgn	3	275			80	
SRTS-GPLN08.dgn	2	282				
SRTS-GPLN09.dgn		366				
SRTS-GPLN10.dgn		80				
GLASS PROJECT TOTALS	8	2450	2	6	430	1

GLASS ELEMENTARY SCHOOL TRAFFIC SIGNAL QUANTITY SUMMARY(CSJ:0915-12-486)

PLAN SHEET NO.	0416 2002	0618 2022	0620 2011	0624 2014	0684 2035	0687 2001	0688 2001	8708 2001
	DRILL SHAFT (24 IN)	CONDT (PVC) (SCHD 40) (3")	ELEC CONDR (NO. 8) BARE	GROUND BOX TY D (162922)	TRF SIG CBL (TY A) (14 AWG) (9 CONDR)	PED POLE ASSEMBLY	PED DETECT (2 INCH PUSH BTN)	LED COUNTDOWN PED SIGNAL MODULE
	L. F.	L. F.	L. F.	EA	L. F.	EA	EA	EA
SRTS-SIGPR01.dgn	12	95	90	2	14	2	6	6
PROJECT TOTALS	12	95	90	2	14	2	6	6

SMALL SIGN SUMMARY (CSJ:0915-12-486)

0644 9999	INS SM RD SN SUP & AM TY U (COSA)	EA	2
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1	05/24/12	ADDENDUM 1	
NO.	DATE	REVISION	APPR BY



**N.I.S.D.
SAFE ROUTES TO SCHOOL
ESTIMATED QUANTITIES**

N. T. S.		SHEET 2 OF 2	
FED. RD. DIV. NO.	FEDERAL AID PROJECT NO.	SHEET NO.	
6		7	
STATE	DIST.	COUNTY	
TEXAS	SAT	BEXAR	
CONT.	SECT.	JOB	HIGHWAY NO.
0915	12	486, etc.	VARIOUS

PlotDate: 05/24/2012 2:26:12 PM

User: mpc\oc10

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SPECIAL SPECIFICATION

4007-COSA

Prefabricated Pedestrian Steel Truss Bridge Span

1. **Description.** Design, fabricate, and install prefabricated pedestrian steel truss bridge spans including bearing devices, anchor bolts, bridge deck, and pedestrian railings. This Item does not govern the design or construction of bridge substructure, including piers, abutments, and foundations.
2. **Materials.** Use materials that meet requirements of the following Items:
 - Item 420, “Concrete Structures”
 - Item 421, “Hydraulic Cement Concrete”
 - Item 434, “Elastomeric Bridge Bearings”
 - Item 440, “Reinforcing Steel”
 - Item 441, “Steel Structures”
 - Item 442, “Metal for Structures”
 - Item 447, “Structural Bolting”
 - Item 448, “Structural Field Welding”
 - Item 449, “Anchor Bolts”
 - Item 491, “Timber for Structures”

Paint, galvanize, or leave the steel truss surfaces exposed. When specified, galvanize as directed by Item 445, “Galvanizing.” When painting, use Protection System II as directed by Item 446, “Cleaning and Painting Steel.” Paint gray unless otherwise shown on the plans. Provide a Society for Protective Coatings SSPC SP6 cleaning for exposed weathering steel.

3. **Design.** The Contractor is responsible for the structural adequacy of the prefabricated pedestrian truss bridge span design. Submit to the Engineer details and design calculations bearing the seal of a licensed professional engineer for review and approval. Include the steel truss span superstructure, bearing devices, anchor bolts, bridge deck, and bridge railing with accessibility handrails when required. Provide at least 28 calendar days notice before the start of fabrication. Design in compliance with the latest *AASHTO Guide Specifications for Design of Pedestrian Bridges*, and with the latest *AASHTO Standard Specifications for Highway Bridges*. The department will not grant additional time for rejection or correction of design submissions.

Design the truss for pedestrian live load, occasional maintenance vehicles, wind load, and load combinations in accordance with Section 1.2 of the *AASHTO Guide Specifications for Design of Pedestrian Bridges*.

For the maintenance vehicle, use a 10,000-lb. AASHTO Standard H Truck (H-5) for clear deck widths from 6 ft. to 10 ft. and a 20,000-lb. AASHTO Standard H Truck (H-10) for clear deck widths over 10 ft.

Design railing as 42-in. pedestrian railing in accordance with the latest AASHTO requirements for pedestrian railing.

Design bridge deck surfaces to meet the requirements of Texas Accessibility Standards (TAS) 4.5, "Ground and Floor Surfaces."

When bridge deck grade is equal to or greater than 5%, provide accessible handrails meeting the requirements of the TAS Section 4.8.5 and Section 4.2, "Handrails."

- 4. Fabrication.** Fabricate the trusses, bearing devices, and other permanent metal components for the steel truss span in accordance with Item 441, "Steel Structures." Fabricators performing the work must be approved by the Department before producing the steel truss spans for department projects. A list of approved pedestrian steel truss bridge span fabricators is maintained by the Construction Division. Approval of the fabricator is based on the following:
- Obtaining certification by the American Institute of Steel Construction (AISC) Quality Certification Program as a fabrication shop for Major Steel Bridges (CBR),
 - Obtaining an AISC Sophisticated Coatings Endorsement when painted bridges are specified,
 - Demonstrating the ability to design and fabricate pedestrian steel truss bridge spans that provide quality workmanship, detailing, structural integrity, and satisfactory aesthetics, and
 - Having readily available access to the services of a licensed professional engineer, experienced in the design of pedestrian steel truss bridge spans.

Prepare and submit detailed shop drawings for the steel truss span, bearing devices, bridge deck, deck joints, bridge railings, and accessibility handrails. Submit 6 complete copies of the shop drawings for review and approval. Give the Engineer at least 28 calendar days to review and approve each shop drawing submittal. Include unique drawings that illustrate specific portions of the work to be done. Clearly show all relevant design information such as member sizes and connections.

- 5. Construction.** Erect the bridge and construct the deck in accordance with the following Items:
- Item 420, "Concrete Structures"
 - Item 441, "Steel Structures"
 - Item 491, "Timber for Structures"

Construct bridge deck surfaces that meet the requirements of TAS 4.5, "Ground and Floor Surfaces."

- 6. Measurement.** This Item will be measured by each pedestrian truss bridge span in the completed and accepted final position.

7. **Payment.** The work performed and materials furnished in accordance with this Item and measured under “Measurement” will be paid for at the unit price bid for “Pedestrian Truss Bridge Span” of the length specified. This price is full compensation for design, fabrication, transport, erection, deck construction, and final finishing; and for equipment, labor, tools, and incidentals. Partial payment during bridge manufacturing may be considered by Engineer if requested by Contractor and will be at the discretion of the City of San Antonio.

**CITY OF SAN ANTONIO
DEPARTMENT OF CAPITAL IMPROVEMENTS MANAGEMENT SERVICES
CONTRACT SERVICES DIVISION**

RECEIPT OF ADDENDUM NUMBER(S) 1 IS HEREBY ACKNOWLEDGED FOR PLANS AND

SPECIFICATIONS FOR CONSTRUCTION OF Safe Routes to School

FOR WHICH BIDS WILL BE OPENED ON WEDNESDAY, May 30, 2012 AT 2:00 P.M.

THIS ACKNOWLEDGEMENT MUST BE SIGNED AND RETURNED WITH
THE BID PACKAGE.

Company Name: _____

Address: _____

City/State/Zip Code: _____

Date: _____

Signature

Print Name/Title