

October 20, 2021

Addendum 2

Silver Lane Sidewalk and Pedestrian Bridge Project

CRDA Project No. 21-021

This addendum dated October 20, 2021 forms a part of the Contract Documents and modifies the original bidding documents. Please acknowledge receipt of this Addendum when you submit your bid. Failure to do so may subject the submitter to disqualification.

1. Revised and New Drawings

This Addendum No. 2 includes the following:

Revised Drawings

TIE -03	- Baseline, Survey and Tie Plan
PLN-03	- Roadway Plan
LDS-03	- Landscaping Plan
TR=STD_INDEX	- Traffic Standard Sheet Index

New Drawings

TR-1208_02	- Metal Signposts and Sign Mounting Details
TR-1210_04	- Pavement Marking Lines and Symbols
TR-1220_01	- Signs for Construction and Permit Operations

Copies of all these drawings are included in a separate .pdf included with this Addendum.

2. Extension of Deadlines

The deadline for submission of **questions or requests for clarification** has been extended to **3:00 p.m. on Friday, October 22, 2021.**

The deadline for **submission of bids** has been extended to **11:00 a.m. on Friday, October 29, 2021.**

3. Questions from Bidders:

a. Is field survey work included in the contractor's scope?

Any field survey work required for installation of the improvements shown on the plans shall be included in the contractor's bid price. **A revised Bid Form 4 (BF/4) is attached to this Addendum. Please use this form in submitting your bid.**

b. Will the prefabricated pedestrian bridge manufacturer be subject to shop drawing review and/or in-plant inspections by CTDOT?

Shop drawing review will be performed by the engineer of record and not CTDOT. There will be no in-plant inspections by CTDOT.

c. The pedestrian bridge special provision makes reference to an "H-10" 10,000 lb. vehicle. The H-10 vehicle is actually 20,000 lbs. Please confirm that an H-5 vehicle is required as stated in the notes on the plans, and not an H-10.

All references H-10 shall be H-5 loading.

d. Please confirm the requirement that the prefabricated pedestrian bridge manufacturer supply a load rating document as stated in the special provision, as this is not customary for pedestrian bridges.

A load rating is not required but all other calculations for design as specified in the specifications shall be submitted for review.

e. Based on the proposed bridge pedestal elevation of 45.06, it appears that a portion of the bridge will be inundated during the 100-yr storm event. In order to properly account for these lateral pressures, we will need to know what the velocity of the stream is during this event. Also, it's not clear as to what water surface elevation should be used during this event, as the flood elevation depicted on sheet 17 is 45.30, however there is a table below that elevation view which provides other elevations for proposed conditions. Please confirm the correct elevation to use for bridge design purposes as well.

The 100-year flood elevation for design purposes shall be 45.41 and velocity of 4 ft/s. Note the top of deck is +/-47.56 and top of pedestal is shown at elevation 45.06 this can vary per manufacturer but shall not be any lower than this elevation.

f. The specs call for a steel bridge but at least one manufacturer only manufactures aluminum bridges. Can you verify that that is acceptable?

An aluminum bridge is acceptable, as long as width, length, deck material is per plans/specifications and the aluminum must be powder coated per client choice of color, not bare aluminum finish. Note this is not an alternate to steel therefore there will be no price adjustments on the bid form. Client is okay weathering steel or aluminum (powder coated).

g. Page 8 specifies a 10,000 lb. H-10 vehicle. Confirm that H-10 was a typo and that it should be H-5.

Yes, H-5 is correct.

h. L/500 maximum deflection is specified on page 11 of the specs. We normally design to a L/360 for both wind and live load. Can you confirm if L/360 acceptable?

The deflection noted in the specifications is correct:

- The vertical deflection of the main trusses due to pedestrian live load shall not exceed $L/500$ of the span length. For pedestrian comfort, the load used for deflection check, shall be a minimum of 500 pounds per lineal foot of the bridge or a uniform load of 90 pounds per square foot, whichever is greater.
 - The horizontal deflection due to wind load shall not exceed $L/500$ of the span length.
 - The deflection of floor system members (floor beams and stringers) due to service pedestrian live load shall not exceed $L/360$ of their respective spans.
- i. Page 10 specifies load combinations different than what we use. We typically use AASHTO LRFD Load combinations for our pedestrian bridges. Can you confirm that this is acceptable?**

No, the load combinations in the specifications are correct and for service load design as it says in specifications use AASHTO LRFD load combinations.

- j. The ITB includes a six- month timeframe for completing the project. Are there liquidated damages for not completing within this period?**

Liquidated damages will not apply to this project.

- k. On Drawing TIE-03, the silt fence quantity labeling seems to be incorrect and is double the amount scaled. Please advise.**

Yes, you are correct. The TIE-03 drawing has been corrected and is included in this Addendum No. 2. Also, the bid quantity for Sedimentation Control System is revised from 1850 linear feet down to 1500 linear feet.

End of Addendum 2

BID FORM**BF/4****SILVER LANE SIDEWALK AND PEDESTRIAN BRIDGE PROJECT
EAST HARTFORD, CONNECTICUT**

Bidder's Name: _____

SILVER LAND SIDEWALK AND PEDESTRIAN BRIDGE PROJECT

Item #	SP	Item Description	Unit	Qty	Unit Price	Total Price
0201001		Clearing and Grubbing	LS	1	_____	_____
0201199		Removal of Existing Fence	LF	42	_____	_____
0201199	A	Remove and Reset Fence	LF	1160	_____	_____
0201211		Remove Sign	Ea.	1	_____	_____
0202000		Earth Excavation	CY	525	_____	_____
0203202		Structure Excavation - Earth (Excluding Cofferdam and Dewatering)	CY	160	_____	_____
0204001		Cofferdam and Dewatering	LF	100	_____	_____
0207000		Borrow	CY	150	_____	_____
0213100		Granular Fill	CY	7	_____	_____
0216000		Pervious Structure Backfill	CY	90	_____	_____
0219001		Sedimentation Control System	LF	1850	_____	_____
0219011		Sediment Control System at Catch Basin	Ea.	4	_____	_____
0507758		Reset Manhole (Storm)	Ea.	1	_____	_____
0601733.40		Class PCC03340	CY	28	_____	_____
0601744.62		Class PCC04462	CY	23	_____	_____
0602030		Deformed Steel Bars - Galvanized	LB	7000	_____	_____
0604301	A	Pedestrian Bridge Superstructure (Site No. 1)	LS	1	_____	_____
0703012		Modified Riprap	CY	15	_____	_____

0708001		Damproofing	SY	60	_____	_____
0728014		3/4 In. Crushed Stone	CY	22	_____	_____
0815001		Bituminous Concrete Lip Curbing	LF	180	_____	_____
0912496		Remove Wood Rail	LF	15	_____	_____
0921001		Concrete Sidewalk	SF	310	_____	_____
0921039		Detectable Warning Strip	Ea.	2	_____	_____
0922001		Bituminous Concrete Sidewalk	SY	1000	_____	_____
0922501		Bituminous Concrete Driveway	SY	6	_____	_____
0944000		Furnishing and Placing Topsoil	SY	1350	_____	_____
0949076		Iris Versicolor, Blue Flag Iris, 2" Peat Pot	Ea.	50	_____	_____
0949101		Cornus Amomum Silky Dogwood 3'-4' Ht. B.B.	Ea.	25	_____	_____
0949106		Junicus Effusus, Soft Rush, 2" Peat Pot	Ea.	50	_____	_____
0949228		Ilex Verticillata Common Winterberry 3'-4' Ht. B.B.	Ea.	20	_____	_____
0949330		Carex Crinita, Fringed Sedge, Sprout, B.R.	Ea.	50	_____	_____
0949479		Sambucus Canadensis - American Elder 3'-4' Ht. B.B.	Ea.	12	_____	_____
094999x		Onoclea Sensibilis Sensitive Fern, 1 Gal. Container	Ea.	50	_____	_____
094999x		Carex Scoparia - Broom Sedge Plugs	Ea.	50	_____	_____
094999x		Eupatorium Maculatum - Joy Pye Weed Plugs	Ea.	50	_____	_____
0950005		Turf Establishment	SY	1350	_____	_____
0950043	A	Wetland Grass Establishment	S.F.	2250	_____	_____
0971001	A	Maintenance and Protection of Traffic	LS	1	_____	_____

