

CITY OF NORTHGLENN

**2023 BRIDGE RAIL IMPROVEMENTS
IFB 2023-017**

ADDENDUM NO. 1
DATED: July 13, 2023

TO: PROSPECTIVE BIDDERS

The following adds to, supplements, amends or clarifies by way of explanation, portions of the Contract Documents, Specifications, and Drawings for the above named project.

NOTE: It will be the responsibility of the Bidder to acknowledge receipt of Addenda on the Bid Form as part of his/her submitted proposal. Failure to do so will be grounds for the City to reject the proposal.

The Contract Documents, including the Specifications and Drawings are hereby modified by the following items:

QUESTIONS:

Q1. Is a bid bond required, and if so, in what percentage and is a City of Northglenn form required?

No

Q2. Are there liquidated damages for the project, and if so, what is the amount?

Yes, \$500/day

Q3. Each of the 4 sites has its' own time count. Is the total contract time cumulative for the 4 sites (205 total working days/ 68 working days in ROW), or is the work at the 4 sites to be performed simultaneously?

Either can be done. With debris removal and disposal removed, it will only be (3) sites.

Q4. See Bid Item 24, Ped. sign with ped. access. signal, for 112th Place: The specification states "The contractor shall provide push-button specifications for the City of Northglenn's approval BEFORE bidding. Material substitutions will not be allowed after approval." Does the City require a specific product/manufacture for this item?

The approved manufacturer for the flasher signs and buttons is Tapco

Q5. Do bid items (1) (Malley Drive), (21) (112th Place) and (30) (Acoma St.) for "Debris Removal and Disposal" include cleaning the inside of the structures? Also, what is the distance outside of the structures in the canal that needs to be cleared in this item of work?

Since the culverts typically don't clear out until late fall, the debris removal and disposal bid items have been removed from the project.

Q6. Does the Farmer's Highline Canal have specific requirements for this project? Also, do they require any additional bonding or insurance?

Farmers Highline will have specific requirements for the culvert, but I am not sure if any of the SOW will fall under their requirements. Likewise, they may also have bonding, insurance, and license agreement requirements but that information will also have to come directly from the ditch company.

Q7. When will irrigation water in the ditch typically cease, and can the work in the canal be performed after that date?

Since the culverts typically don't clear out until late fall, the debris removal and disposal bid items have been removed from the project.

Q8. Who provides and pays for soils/concrete testing?

Contractor would pay for testing, but I do not believe this is required for this project.

Q9. Who provides and pays for surveying?

Contractor would pay for survey, but I do not believe this is required for this project.

Q10. See Bid Item 6, Malley Drive: The Guardrail manufacturer states that they cannot bend to a 10' radius. Can the radius be modified, and what would be the maximum radius allowed?

From the CDOT specs on 3G transitions: "The thrie beam section in transitions types 3G and 3H may be shop bent to fit curves that are greater than or equal to a 10 ft. radius. However the 6'-3" transition sections shall not be bent."

It looks like the only section that will be shop-bent is the thrie beam in the 3G transition, so they should be able to bend to a 10' radius.

Q11. Can the bid items be quantified so everyone is bidding the same quantities?

Bid Items will be updated to reflect this.

Q12. Can suggested Traffic Control Plans be provided which would include work hours, opening/closing of lanes, lane open requirements, etc.?

Work hours will be 8-5. Contractor will come up with the specific TCP. Acoma and 112th are residential streets where flaggers are recommended. Claude has 2 lanes in addition to a buffer lane in between; the southbound lane can be closed for construction. Malley has 4 lanes plus a middle buffer lane; one lane can be closed in each direction for construction.

Q13. Can bid Items be added for temporary concrete barriers and temporary impact attenuators at sites where the existing guardrail will be removed?

Yes

City of Northglenn
Gregory Kothe
Civil Engineer I

Attachments: Revised Bid Summary 7/13/2023
Photos of Concrete Repair Areas for 112th Pl.

ALL ITEMS IN CONFLICT WITH THIS ADDENDUM ARE HEREBY DELETED.

END OF ADDENDUM NO 1

BID SUMMARY

(Vendor Name)

Hereby submits to the City of Northglenn, Colorado the following bid items, complete and in place, as specified for the:

2023 Bridge Rail Improvements

- **IFB 2023-017**

Malley Dr.

Item	Description	Quantity	Unit	Unit Cost	Total Cost
1	Removal of Sidewalk	LF	85	\$	\$
2	Removal of Curb and Gutter	LF	85	\$	\$
3	Removal of Pedestrian Rail	EA	2	\$	\$
4	Concrete Rail Curb	LF	43	\$	\$
5a	Type 10 Mash Bridge Rail	EA	2	\$	\$
5b	Thrie Beam (Shop-Bent to 10' Radius) (Type 3G Transition)	EA	4	\$	\$
5c	Type 3K End Anchorages	EA	4	\$	\$
5d	Type 3G Transition Sections	EA	4	\$	\$
5e	Transition Plate (Bridge Rail to Thrie Beam)	EA	4	\$	\$
5f	Steel Posts w/ Blocking	EA	40	\$	\$
6	Concrete Sidewalk	LF	85	\$	\$
7	Concrete Curb and Gutter	LF	85	\$	\$
8	Mobilization	LS	1	\$	\$
9a	Temporary Traffic Control	LS	1	\$	\$
9b	Temporary Concrete Barrier	LF	90	\$	\$
9c	Temporary Impact Attenuator	EA	2	\$	\$
10	Variable Message Sign	EA	2	\$	\$
11	F/A Minor Contract Revisions	FA	-	\$10,000.00	\$10,000.00

Claude Ct.

Item	Description	Quantity	Unit	Unit Cost	Total Cost
12	Removal of Sidewalk	LF	36	\$	\$
13	Removal of Pedestrian Rail	EA	3	\$	\$
14	Headwall and Wingwall Curb	LF	75	\$	\$
15a	Type 10Mash Bridge Rail	LF	70	\$	\$
15b	Thrie Beam (Type 3G Transition)	EA	1	\$	\$
15c	Type 3K End Anchorage	EA	1	\$	\$
15d	Type 3G Transition Section	EA	1	\$	\$
15e	Transition Plate (Bridge Rail to Thrie Beam)	EA	1	\$	\$
15f	Steel Posts w/ Blocking	EA	10	\$	\$
16	Concrete Sidewalk	LF	36	\$	\$
17	Mobilization	LS	1	\$	\$
18a	Temporary Traffic Control	LS	1	\$	\$
18b	Temporary Concrete Barrier	LF	90	\$	\$
18c	Temporary Impact Attenuator	EA	1	\$	\$
19	F/A Minor Contract Revisions	FA	-	\$10,000.00	\$10,000.00

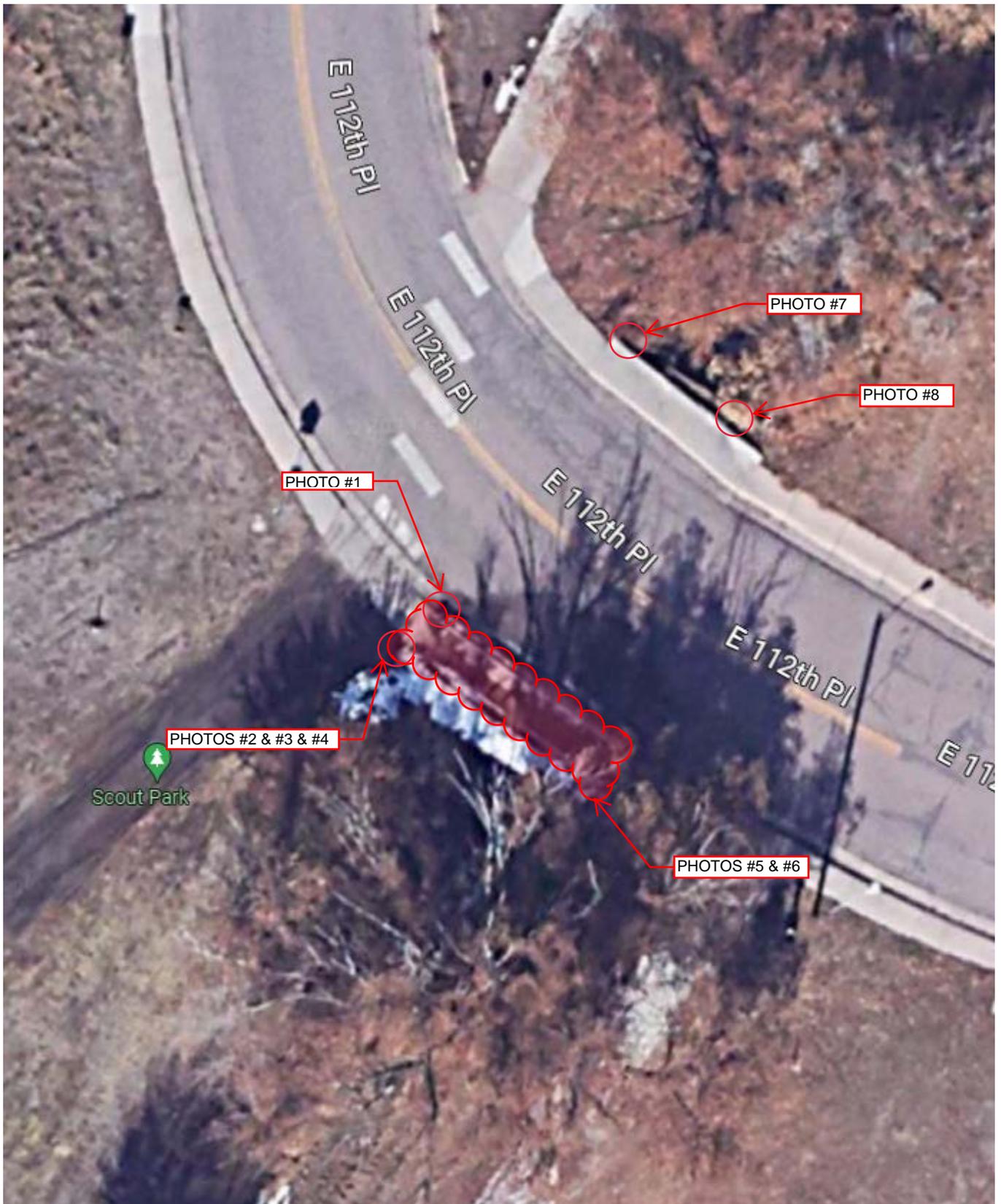
112th Pl.

Item	Description	Quantity	Unit	Unit Cost	Total Cost
20	Chevron Alignment (W1-8R) 18x24	EA	5	\$	\$
21	Bicycle/Pedestrian (W11-15) 30x30 with Beacon	EA	2	\$	\$
22	Pedestrian (R10-3) 9x12 with Pedestrian Accessible Signal	EA	2	\$	\$
23	Concrete Repair	LS	1	\$	\$
24	Paint Bridge Rail	LS	1	\$	\$
25	Mobilization	LS	1	\$	\$
26	Temporary Traffic Control	LS	1	\$	\$
27	F/A Minor Contract Revisions	FA	-	\$10,000.00	\$10,000.00

Note: No alternates or substitutions will be accepted.

TOTAL FOR ALL ITEMS _____

TOTAL IN WORDS _____



- PHOTO #1 - CRACK W/ ASSOCIATED SPALL AT THE WEST END OF THE SOUTH CURB
- PHOTO #2 - SPALL W/ EXPOSED REINFORCING AT THE SOUTHWEST CORNER OF THE DECK
- PHOTO #3 - SPALL W/ EXPOSED REINFORCING AT THE ENDS OF STEMS AT ABUTMENTS
- PHOTO #4 - SPALL AT THE SOUTH END OF THE WEST ABUTMENT
- PHOTO #5 - TYPICAL SCALING WITH EXPOSED STEEL IN THE TOP OF THE ENTIRE DECK
- PHOTO #6 - EXPOSED SOLE PLATES ON BOTH DECKS (EACH SIDE OF 112TH)
- PHOTO #7 - SPALL W/ EXPOSED REINFORCING AT THE NORTHWEST CORNER OF THE DECK
- PHOTO #8 - IMPENDING SPALL/DELAMINATION AT THE NORTH END FO THE EAST ABUTMENT



PHOTO #1



PHOTO #2



PHOTO #3



PHOTO #4



PHOTO #5



PHOTO #6



PHOTO #7



PHOTO #8