



**ITB-21-04
ADDENDUM #5
WADSWORTH IMPROVEMENT PROJECT – PHASE 1**

Date: May 12, 2021
Bid Number: ITB-21-04
NHPP 1211-086
Bid Due Date: **TUESDAY, MAY 25, 2021 BY 1:00 PM OUR CLOCK**

The following information is provided to all prospective bidders and is hereby made a part of the above bid documents. Bidders must acknowledge this Addendum 5 with their bid. It is a total of 4 pages.

CLARIFICATION, ADDITIONAL INFORMATION, AND CHANGES:

NOTE: THIS is ADDENDUM #5.

Addendum #1 was created in RMEPS/BidNet when adding the bid documents to the site after the original posting.

Addendum #2 was posted on April 29, 2021 and includes the geotechnical report.

Addendum #3 was posted on May 3, 2021 and includes the mandatory pre-bid meeting attendee list.

Addendum #4 was posted on May 10, 2021.

- 1. Per the tabulations of removals there are two buildings to be removed on the project. The building on sheet 4, label 106 and station 37+28 – 37-64 is listed as “hold” and “Item Removed. Placeholder as to not effect removal plan or removal notes numeration.” Please confirm that the only building to be removed is on sheet 10, label 57 and station 74+20 – 74+65.**

Label 106 was mistakenly removed from sheet 75. Label 106 on sheet 75 should point to the building and the notation on sheet 76 should read "STA 37+28 TO STA 37+64 RT REQ/D 1 LS REMOVAL OF BUILDING". There are two buildings to be removed.

- 2. Is a demolition permit through the state required for the removal of the house/building on 48th or has the City applied for that permit? Have all the utilities been shut off and removed or is that the contractor’s responsibility?**

Contractor will be required to get demo permits from both City and State for both buildings that are to be removed. City permit will be at no cost. All utilities have been shut off, except for electric. Contract will need to remove service lines in accordance with owning utility's requirements.

- 3. Are there any known containments in the building that is to be demolished (sheet 10, label 57 and station 74+20 – 74+65)?**

Hazardous materials testing has not been done on either building that is to be removed. If hazardous materials are found, removal will be paid for under 700-70010 F/A Minor Contract Revisions.

- 4. Is there Asbestos in the building that are to be removed? If so is there a bid item for asbestos abatement, and how is that to be paid?**

Same answer as above question.

- 5. With the project going to city council on July 12th, will the engineer please extend the bid opening by one week to allow for all responses to be adequately estimated/solicited?**

No, City staff needs the time to evaluate the bids and prepare the documents for the City Council packet.

- 6. Sheets 303 and 302, Integral Curb. Current annotation on the plan sheets for the integral do not clearly define the start and stop locations for the curb. Can a tabulation by location, length and height be provide for the integral curb.**

Integral curb beginning/ending stationing is located on sheet 47 - Miscellaneous Tabulations.

- 7. Please confirm that the transverse joints for the 10” PCCP should align as best as possible to all curb returns, driveway edges, and phase lines making the dowel bar spacing inconsistent and the use of a dowel bar inserter on a paving machine infeasible.**

The jointing of the pavement should as close as possible align with the driveway edges and other lines. Where they do not align, expansion joint material should be placed between the two concrete features to prevent sympathy cracking from either the slab to the curb or the curb/driveway to the slab. The use of a dowel bar inserter is a decision the contractor will have to make. The contractor has to create a jointing plan for approval and align the joints to match as close as possible, but the use of expansion joint material will help prevent cracking between concrete units.

- 8. Sheet 37 in the plan set shows that the 6 SY of concrete stairs are to be paid under bid item 412-00600 “Concrete Pavement (6 Inch).” Sheet 167 in the plan set has a note that states “Excavation, reinforcement, and concrete for the concrete stairs on grade is not paid for separately, but included in the concrete sidewalk pay item.” These two sheets are in conflict. Which bid item will the concrete stairs be paid under?**

Excavation, reinforcement, and concrete for the stairs shall be paid for under pay item 601-01000 Concrete Class B. The stairs concrete qty is 2 CY, not 6 CY. Note 3 on sheet 167 should read as the following: EXCAVATION, REINFORCEMENT, AND CONCRETE FOR THE STAIRS ON GRADE IS NOT PAID FOR SEPARATELY, BUT INCLUDED IN PAY ITEM 601-01000 CONCRETE CLASS B.

- 9. Per the typical sections Class VI aggregate is only shown under the Curb & Gutter in stations 11+58.76 – 31+48.68. Please confirm that no class VI aggregate will be required under the remaining curb & gutter.**

ABC CL 6 only extends up to sta. 34+65.79 (NB Lanes) and sta. 34+69.79 (SB Lanes).

- 10. Will the engineer please provide a typical section of the detour pavement?**

The City is not dictating the detour pavement section. The selected contractor shall determine the type and thickness of detour pavement and shall maintain said detour pavement for the entire period that it is open to the traveling public.

- 11. Will night time lane closures and work outside of sidewalk work in the park be permitted? Other words can we work at night for the concrete paving?**

Night work shall follow the requirements of note 77 on page 18 of the plans and the CDOT lane closure guidelines for this area.

- 12. Can precast inlets manhole bases and box bases be used on this project?**

Yes.

- 13. All storm sewer pipe must be RCP correct? No other pipe is to be used on storm sewer?**

Yes, unless approved by the City and Design Engineer.

- 14. Are all the water line, storm sewer and sanitary sewer trenches to be backfilled with CLSM to the top if they are in the roadway envelope? Does this include the structures also such as inlets and manholes?**

Storm sewer to be constructed per CDOT Construction Specs and M-Std Drawings. Specifically see M-206-1. Defer to roadway typical sections and construction specifications for subgrade layer and above. <https://www.codot.gov/business/designsupport/2019-and-2012-m-standards/2019-m-standards-plans/2019-m-standards-plan-sheets/m-206-1-excavation-and-backfill-for-structures/excavation-and-backfill-for-structures>

- 15. Are you going to add a CLSM bid item?**

A CLSM bid item will not be added.

- 16. Slotted Drain detail in Sheet #184 – Construction plans -Base Bid shows a 3” bedding material underneath the pipe. What is the type of bedding material?**

CDOT Construction Specs and M-Std Drawings M-603-1

- 17. Please clarify that the Bank building is available and is the City providing it for use or are we on our own for the facility? If we are who is the owner of the building and how do we get in touch with them.**

The City owns the Bank of the West building and is offering it for use as a construction office.

- 18. Is there a clarification of staging area for this project and where is it? Please provide boundaries if there is and requirements for use.**

After the two buildings have been removed, the areas that are right-of-way and temporary easement would be available for use as staging areas, subject to the conditions of the temporary easements.

- 19. Has the City applied for the dewatering permit?**

No, the contractor will need to obtain a dewatering permit.

- 20. The dewatering items - has there been any samples taken to determine any contaminants?**

No samples have been taken.

- 21. Dewatering for waterline and sanitary sewer is to be included in those items, has any samples been taken for those items to determine contaminants? If no and they are found how will this be paid for?**

No samples have been taken. If hazardous materials are found, removal will be paid for under 700-70010 F/A Minor Contract Revisions.

- 22. The dewatering bid item is – 5 LS, is this lump sum per certain areas? Do you have a breakout of these areas and is there any worry of contamination?**

See wall plans and tabs for locations.

- 23. Do the irrigation mains have to be done by the list noted above for waterline?**

No, the irrigation system will be maintained by the City not WRWD.

- 24. Are there any soils reports for the storm sewer, sanitary sewer and waterline alignments available for review?**

Soil reports specific to the utilities are not available.

- 25. Is the existing soil suitable for backfilling the trench after the waterline has been removed or is there going to be import of suitable material for the trench after pipe removal? Is this the same with the storm sewer pipe removal?**

Yes, this soil is classified as embankment material. See CDOT Construction Specs and M-Std Drawings (M-206-1). Defer to roadway typical sections and construction specifications for subgrade layer and above.

- 26. Do you have a specification for the abandonment fill for water and sewer lines?**

Water, sanitary, and storm sewer lines no longer in service shall be removed by the contractor.

- 27. The waterline drawings show the existing waterline some in or near new trench and some completely out by itself to be removed is this correct?**

Water, sanitary, and storm sewer lines no longer in service shall be removed by the contractor.

- 28. Please specify if the pipe saddle shown on plan page 180 is only to be installed for wet utilities or both wet & dry?**

The pipe saddle detailed on page 180 is only for locations where storm water pipes are less than two feet apart.

- 29. Sheets 301 and 302, Backside and Frontside Footer. In addition to the tabulation of location and length, can the heights of the backside and frontside footers be provided? Do these wall taper?**

Frontside/backside footer beginning/ending stationing and heights are located on sheet 47 - Miscellaneous Tabulations. The intent is to construct the stem at a constant 3'-0" tall. The exposed face of concrete can vary to 2'-6" max as indicated based on the grading in front of the footer.

- 30. Are the footings for CIP walls intended to have vertical concrete steps as depicted in Plan and Profiles (example pg 271 Wall 5W)? Other CIP walls do not depict a level footing with steps. However, to make form liners and formwork match up for a natural look without weird angles or awkward joints the footings should be level with steps. If they are level and include concrete for vertical steps than our takeoff show the Class D wall concrete may be approximately 10%-20% low depending on the wall. Please verify intent and if Class D wall quantity is accurate.**

Wall footing steps were provided where finished grade climbs steeply in front of the wall. In areas where FG was more level, a sloped footing was used to eliminate the need for forming steps and excess wall excavation. Based on the typical width of a typical formliner panel, the bottom of the formliner is expected to be buried under the fill over the toe of the wall, so steps in the liner pattern would be hidden from view. Wall concrete quantities were calculated based off of the geometry currently shown in the plans including the sloped footings as shown.

- 31. Please provide more information on what is required for Drilled Shaft testing on this project? Are both a Static Load test and Force Pulse (Rapid) Load Test required? Or would the Force Pulse (Rapid) Load Test replace static load test?**

Load testing of the caissons on this project is not required.

Visit our City website for prebid sign in sheet, addendum, plan holders list and project updates:
www.ci.wheatridge.co.us

POINT OF CONTACT: Jennifer Nellis, Purchasing Agent, jnellis@ci.wheatridge.co.us, fax 303-234-5924, or phone 303-235-2811. Do not contact the user department, consultant, or any other staff.