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AUGUST 27, 2025

CONTRACT NO. 1800

WET WEATHER PUMP STATION

ADDENDUM NO. 10

All bidders bidding **Contract No. 1800** shall read and take note of this **Addendum No. 10**. The Procurement Documents for **Contract No. 1800 WET WEATHER PUMP STATION** are hereby revised and/or clarified as stated below.

Acknowledgement of Contract No. 1800 Addendum No. 10

The Acknowledgement attached to **Addendum No. 10** is to be signed and returned immediately via email at contract.clerks@alcosan.org and acknowledged with Bidder's Proposal.

Kimberly Kennedy, P.E.

Director – Engineering and Construction

ACKNOWLEDGEMENT OF
CONTRACT NO. 1800 G, E, H, P – WET WEATHER PUMP STATION

ADDENDUM NUMBER 10

FIRM NAME: _____

SIGNATURE: _____

TITLE: _____

DATE: _____

August 27, 2025

CONTRACT NO. 1800

WET WEATHER PUMP STATION

ADDENDUM NO. 10

ADDENDUM No. 10

ALLEGHENY COUNTY SANITARY

AUTHORITY

PITTSBURGH, PENNSYLVANIA

CONTRACT NO. 1800

WET WEATHER PUMP STATION PROJECT

August 27, 2025

ATTENTION

BID OPENING DATE

THURSDAY, OCT 2, 2025

11:00 A.M.

DEADLINE FOR QUESTIONS IS THURSDAY, SEPTEMBER 4, 2025

This Addendum No. 10 consists of 12 pages and the following attachments:

Attachment A - Addendum No. 10 Volume 1 of 1 Reference Information –
Revised Table of Contents, New Section 5M Opinion of Conceptual Construction
Schedule and Additional Information for Section 5A River Wall Record Drawings
(11 pages)

ATTENTION BIDDERS

The following additions to and modifications of the Contract Documents will be included in and become part of the Contract for the Allegheny County Sanitary Authority (ALCOSAN) Wet Weather Pump Station Project. Bidders are instructed to take the following into account in rendering any Bid for this work

The Bidder is responsible for verifying that he/she has received and reviewed all of the pages of the Contract Documents as well as all of the pages and attachments of all addenda. The Bidder shall verify all pages with the table of contents in the Contract Documents and the first page of all Addenda. Receipt of this Addendum No. 10 must be noted on the Bid Form. These items modify the portions of the documents specifically noted; all other provisions of the Contract Documents shall remain in effect

1. CHANGES TO PRIOR ADDENDUM

- 1.1 In Addendum No. 5 as it relates to questions 47 and 49, In Volume 1 of 5 Article 3SC.29.C **DELETE** subsection 3.29.C in its entirety and **REPLACE** with the following. The new text being added is in bold below.

“C. Liquidated Damages

If the Work is not completed within the Contract Time for any Construction Milestone, damage will be sustained by the Owner. It is impracticable and extremely difficult to ascertain and determine actual damages which the Owner will sustain by reason of such delay. It is therefore agreed that the Contractor will be required to pay, as liquidated damages and not as penalty, for delay damages sustained solely by the Owner, the sum of money stipulated in Paragraph 2 of the Contract Agreement for each and every calendar day's delay in finishing the Work beyond the Contract Time prescribed for each Construction Milestone as adjusted by Change Order as described in Paragraph 3.32 in the General Conditions (if any). The provision for liquidated damages is intended to compensate Owner for damages due to delays and shall be Owner's sole and exclusive remedy against Contractor for damages due to delay.

The Parties agree that Contractor's total aggregate liability to Owner for the payment of liquidated damages shall not exceed \$5,000,000.

The Owner may, at its option, apply any liquidated damages as a credit against the Contract Sum by way of a change order or payment deduction. The remedies provided herein are not exclusive and are in addition to any other rights and remedies provided by law or under the Contract and the Contractor remains liable for damages caused by reasons other than delay.

The Owner and Contractor mutually agree that except as otherwise provided in this agreement, in no event shall either party be liable under any circumstances to the other party for any special, indirect, punitive, incidental, exemplary or consequential damages or losses, including lost profits, loss of business opportunity or other similar damages relating to or arising out of this

agreement. In no event, however, shall this provision be read to limit in any way Owner claims for (a) liquidated damages, (b) intellectual property rights infringement or breach, (c) indemnity, or (d) a breach of confidentiality.”

- 1.2 In Addendum No. 5 as it relates to questions 47 and 49, In Volume 1 of 5 Article 4 on pages 4-3G, 4-3E, 4-3H, and 4-3P of the respective contracts **DELETE** the paragraph directly below the "Liquidated Damages / Calendar Day" table in its entirety and **REPLACE** with the following. The new text being added is in bold below.

“Substantial Completion and Final Completion shall be as defined in Article 3 – General Contract Conditions. The Contractor acknowledges and agrees that the liquidated damages set forth in the provision are not a penalty, but instead are intended to compensate ALCOSAN for those losses incurred due to the Contractor’s failure to meet the Construction Milestone/s. Further, the receipt of liquidated damages by ALCOSAN shall in no way limit or reduce ALCOSAN’s right to pursue other rights and remedies as provided in the contract with the contractor or otherwise available to ALCOSAN. **The proposed Liquidated Damages shall constitute the sole and exclusive remedy for delay.** ALCOSAN may deduct the aforementioned liquidated damages from any unpaid amounts then or thereafter due the contractor. Any liquidated damages remaining unsatisfied shall be due and payable to ALCOSAN by the contractor upon demand.”

- 1.3 In Addendum No. 5 as it relates to questions 53 and 59, **CHANGE** Item 1.8 as it relates to Volume 1 of 5, Article 2.40 Geotechnical Baseline Report to read as follows:

“A Geotechnical Baseline Report (GBR) is included as part of the Contract Documents. See Article 3 for the definition and process regarding Differing Site Conditions. Other indications of site conditions and anticipated quantities or work are contained in other Contract Documents.

The GBR is provided for the Bidder’s evaluation of the anticipated ground conditions, in planning the means and methods of construction and in preparing the Bid. In the event that the Bidder has not relied on the GBR in preparing its bid, said Bidder assumes the risk differential between the conditions described in the GBR and the conditions used in preparing its Bid should it execute an Agreement with the Owner for the Project.”

- 1.4 In Addendum No. 5 as it relates to questions 53 and 61, In Volume 1 of 5 Article 3.3.J, **DELETE** “J” in its entirety and **REPLACE** with the following. The new text being added is in bold below.

“J. DIFFERING SITE CONDITIONS

Differing Site Conditions are **actual** subsurface or latent physical conditions at the Job Site(s) that differ materially from those indicated in this Contract;

or unknown physical conditions at the Job Site(s) of an unusual nature which differ materially from those ordinarily encountered and generally recognized as inherent to the work of the character provided in the Contract Documents in the general location of and around the Job Site(s)."

- 1.5 In Addendum No. 5 as it relates to questions 53 and 59, In Volume 1 of 5 Article 3SC paragraph 3.3.LL, **DELETE** "LL" in its entirety and **REPLACE** with the following.

"LL. GEOTECHNICAL BASELINE REPORT (GBR) is the only interpretive report in the Contract regarding subsurface conditions and takes precedence over the GDR. The contractual baseline conditions established in the GBR are intended to be used in the assessment of Differing Site Conditions (DSC) during construction. Whenever there is an inconsistency between conditions indicated in the GBR and conditions indicated in: (a) the GDR; or (b) elsewhere in the Contract Documents, then the conditions indicated in the GBR shall take precedence and shall be the baseline conditions against which actual conditions encountered are compared for the purpose of determining if a DSC exists. The baseline conditions shall not be used to make DSC determinations at locations that have not been baselined in the GBR, or at any location with respect to subsurface conditions that the baseline conditions do not address."

- 1.6 In Addendum No. 5 as it relates to questions 53 and 61, In Volume 1 of 5 Article 3SC paragraph 3.31 **ADD** the following subparagraphs after 3.31 B.4:

"5. Upon discovering an alleged Differing Site Condition and before the condition is further disturbed, Contractor shall immediately, after taking appropriate measures to secure the Work: (a) make safe and secure the affected area; and (b) notify Owner of the alleged Differing Site Condition in accordance with Article 3.31.B.2. Contractor's notice to Owner shall provide a brief description of why the condition encountered is considered a Differing Site Condition.

Within 2 calendar days of discovering an alleged Differing Site Condition the Contractor will produce a plan for the safe continuation of the work, limiting the Owner to increased costs and delays as far as practically possible."

2. CHANGES TO VOLUME 1 OF 5

- 2.1 In Volume 1 of 5, Article 4 Contract Agreement, on Pages 4-2G, 4-2E, 4-2H, 4-2P, **REVISE** the Substantial Completion and Final Completion Construction Milestones Contract Time Calendar Days to 2,127 days and 2,247 days, respectively.
- 2.2 In Volume 1 of 5, Article 3SC Supplemental Contract Conditions, on page "Exhibit A-3SC-5" under "Pollution Liability", **CHANGE** "\$5,000,000" to

"\$10,000,000" for both "each occurrence" and "in aggregate".

- 2.3 In Volume 1 of 5, Article 3SC Supplemental Contract Conditions, on page "Exhibit A-3SC-6" under "Excess / Umbrella", **REMOVE** "and Pollution Liability".

3. CHANGES TO VOLUME 1 of 1 REFERENCE INFORMATION

- 3.1 **REPLACE** the Table of Contents with the revised Table of Contents contained in Attachment A.
- 3.2 At the end of Section 5 Reference Drawings, **ADD** new Section 5M OPINION OF CONCEPTUAL CONSTRUCTION SCHEDULE. Contained in Attachment A.
- 3.3 Within Section 5 Reference Drawings, **ADD** additional record information to Section 5A associated with the river wall which is contained in Attachment A.

4. QUESTIONS AND ANSWERS

Q1: Has the Owner developed a draft Master Schedule with the sequencing and durations of the work of the Contractor as well as all Other Contractors, and can they share that schedule with the prospective bidders?

A1: An opinion of conceptual construction schedule is available for reference. Refer to Item 3.2 of Addendum No. 10.

The opinion of conceptual construction schedule indicates a potential construction sequence of some of the key activities and phases developed at a point in time during design development prior to Advertisement for Bids. It is understood that individual contractors may have differing means, methods and general preferences in how they execute the project to meet construction milestones and completion dates. Refer to Article 4 for milestones and completion dates.

Q2: Has the Owner developed a draft Master Schedule with the sequencing and durations of the work of the Contractor as well as all Other Contractors, and can they share that schedule with the prospective bidders?

A2: Refer to Question #1.

Q3: The substantial completion of Contract No. 1800 for the Wet Weather Pump Station is 1,797 calendar days from Notice to Proceed and the substantial completion of Contract No. 1797 for the Ohio River Tunnel is 2,043

calendar days from Notice to Proceed.

If the two contracts were given Notice to Proceed on the same date, we would need to wait for at least 246 calendar days to finish commissioning and have final completion for Contract No. 1800. However, these two contract will not have the same Notice to Proceed date and thus, there is no way to calculate the standby duration. Thus, the standby time is beyond our control, and it should be compensated by the owner. Please confirm.

- A3:** Refer to Item 2.1 and Question #1 of this addendum. Refer to Item 2.3 of Addendum No. 9 for clarification on testing of various systems prior to connection with the Ohio River Tunnel.
- Q4:** Reference Pollution Liability insurance. Pollution Liability under the Excess Liability is not an industry standard. We purchase separate policies that support your requirements. Please confirm that the Pollution Liability is not required to be included under the Excess Liability.
- A4:** Refer to Items 2.2 and 2.3 of Addendum No. 10.
- Q5:** Is Alcosan the holder of the Water Obstruction and Encroachment US Army Corps of Engineers Section 404 Joint Permit for the existing river wall adjacent to the site?
- A5:** The existing river wall predates the Clean Water Act. See Addendum No. 10 Item 3.3 for records of the existing river wall from 1954 and 1965. These records are the result of a thorough review of ALCOSAN's records. ALCOSAN has nothing additional to provide to bidders on this topic.
- Q6:** Will Alcosan provide a copy of the Water Obstruction and Encroachment US Army Corps of Engineers Section 404 Joint Permit for the existing river wall adjacent to the site if they have the rights to use the river frontage along the river wall?
- A6:** See response to Question #5 of this addendum.
- Q7:** If Alcosan does not possess the right to use the river frontage along the river wall can you inform the bidders of who does?
- A7:** See response to Question #5 of this addendum. Since original plant construction, ALCOSAN has utilized this location for our barge that is being temporarily relocated ahead of this project. See Addendum 4, item 1.3 that states "Contractor is solely responsible for obtaining all permits for water access, river navigation, and temporary storage of barges along the river from authorities and agencies having jurisdiction. Contractor must provide all navigational controls and protection measures in compliance with permits." ALCOSAN has nothing additional to provide to the bidders on this topic.
- Q8:** Please amend your Excess / Umbrella insurance requirement. CGL and

Excess / Umbrella policies available to Contractors in this market include a total pollution exclusion and do not provide any pollution liability insurance coverage. You should not require the Excess / Umbrella insurance to sit over the Pollution Liability insurance.

A8: Refer to Items 2.2 and 2.3 of Addendum No. 10.

Q9: The duration provided in the Contract documents is significantly short of what is needed to complete the work. In addition, the Contract includes a liquidated damages clause that is undefined and the Owner refuses to provide a pre-bid schedule confirming the work can be completed in the specified time frame (Question 55 from Addendum #3). Therefore, the Contractors must price and add to their bid the known and unknown liquidated damage cost, the risk of the other multi-prime contractors having no interim milestone dates for which to have their work completed, and finally the risk of damages from multi-prime contractors being delayed due to the General Contractor not meeting the substantial and final completion date. To avoid these unnecessary costs to Alcosan and their rate payers, the Owner should add 36 months to the contract duration and define milestones that all multi-prime contractors must meet.

A9: Refer to Items 1.1, 1.2, 2.1, and 3.2 of Addendum No. 10.

Q10: Specification Section 3.29C Liquidated Damages contains contradictory language governing the damages a Contractor will pay for work not completed within the Contract Time. Paragraph one of the specifications ends by stating that "The provision for liquidated damages is intended to compensate Owner for damages due to delays and shall be Owner's sole and exclusive remedy against Contractor for damages due to delay." Paragraph two of the specifications states that "The remedies provided herein are not exclusive and are in addition to any other rights and remedies provided by law or under the Contract and the Contractor remains liable for damages caused by reasons other than delay." So the Contractor can quantify their bid, please clarify if liquidated damages are the sole remedy against a Contractor for damages due to delay OR define all other rights and remedies provided by law or under the Contract that are available to the Owner.

A10: Refer to Items 1.1 and 1.2 of Addendum No. 10. Paragraph two that this question is asking about states at the end, "...caused by reasons other than delay."

Q11: Reference the two project milestone durations for Substantial and Final project completion

a: In development of our bid schedule, despite working multiple shifts, it has become evident that the project will take years longer than the allotted duration in the bid documents. To meet our plan and schedule, the other

primes will be required to work multiple shifts and overtime. Their bid execution intentions, working alongside our forces, will directly drive our schedule. Large portions of the longest path will be through the electrical contract and HVAC contract. For example, during the utility relocations at the start of the project as defined by Maintenance of Plant Operations (MOPO) phases 1-12, the electrical contractor will most likely be the longest path for 25% to 50% of this time. The general contractor will have no control or idea how much time the electrical contractor will use. Please provide guidance on other prime contractors required efforts and-or durations for these contracts for us to carry in our bid so we can calculate and include liquidated damages and Construction Manager fees for running over the allotted contractual timeframe.

b : In relation to our bid schedule taking years longer than the allotted duration in the bid documents, will the \$160/hour Construction Manager fee be the aggregate cost per hour for all individuals working for the Construction Manager or will it be for each individual? If it is for each individual working for the Construction Manager, please define how many individuals will be working per hour? Considering items a & b above, please provide the construction manager's project schedule.

A11: Refer to Item 2.1 of Addendum No. 10 with respect to changes in Construction Milestone Contract Times and Item No. 3.2 of Addendum No. 10 with respect to an Opinion of Conceptual Construction Schedule.

The scenario for using \$160/hour for the Construction Manager fee was clarified in Addendum 7, Items 1.1 and 1.3. In that scenario, the \$160/hour would be for each individual working for the Construction Manager. However, that Addendum 7 scenario is a different scenario than the one being asked about in this question. In response to the scenario being asked about in this question, refer to Items 1.1 and 1.2 of Addendum No. 10 with respect to Liquidated Damages. Construction Manager actual costs are included in the calculation of Liquidated Damages. There would not be an additional \$160/hour/person assessed on top of Liquidated Damages for the scenario being asked about in this question.

Q12: Today is the last day for the Contractor to submit questions. Not counting this question package, 41 of the 123 questions our team has asked are unanswered. The answers to these questions will have a significant impact on our bid, with no opportunity for our team to ask follow up questions. On August 8, 2025 we submitted Question Package No. 16 that contained four bid questions. Question #1 of this package was regarding considerable issues with the current project duration and question #2 was regarding the definition of other liquidated damages. These questions remain unanswered. Depending on the answers to those questions and considering the previous answers to several other contract related questions, the risk the Owner has

pushed to the Contractor may become unquantifiable and make the project impossible to responsibly bid.

We ask the Owner extend the question-and-answer period and postpone the bid date. In addition, we ask the Owner re-consider their answers to all contract related questions and re-analyze the project duration.

As stated above, without significant changes to the current contract language and duration, the risk the Contractor must accept cannot be quantified and makes submitting a responsible bid impossible.

A12: The Bid Date and Last Day for Questions were extended in Addendum No. 9.

Q13: Clarify if there is any quantification of anticipated adverse weather days per month that shall be considered in the project calendars and clarify how any excess on these days will be considered during the prosecution of the contract.

A13: Refer to Article 3.34 Delays and Extensions of Time.

Q14: Reference tax exemption and the previous Q&A regarding it : Due to the potential magnitude of the project, will you please consider clarifying what specific components of the wet well pump station are tax exempt, as there is confusion and disagreement among the subcontracting community on where exemptions apply?

A14: Refer to Article 2.20 Tax Exemptions and Article 3.22 Sales and Use Tax. ALCOSAN will not provide any tax advice, and bidders should direct this question to their accountant or tax professional.

END OF ADDENDUM No. 10

ATTACHMENT – A

Addendum No. 10 Reference Information

TABLE OF CONTENTS

Section	Title	Page No.
1	Not Used	
2	Not Used	
3	City of Pittsburgh Department of Mobility and Infrastructure Right-of-Way Procedures Manual	
4	River Wall Inspection Report	
5	Reference Drawings	
5A	Contract 37 River Wall 1953	
5B	Contract 554 Fuel Storage Tanks 1977	
5C	Contract 1202 Site Electrical	
5D	Contract 1227 Fuel Containment 2000	
5E	Contract 1739 Electrical Manholes Survey Conforms Set	
5F	Contract 1787 Misc Tank Demo	
5G	Contract Main Pump Station 1953	
5H	River Wall North and Ash Pits	
<u>5I</u>	<u>Alcosan WWPS Switchgear Location Summary</u>	
<u>5J</u>	<u>Contract 1729 East Headworks 2023 - Shoring</u>	
<u>5K</u>	<u>Contract 46 UOIT</u>	
<u>5L</u>	<u>Contract Sample Loop Drawings</u>	
<u>5M</u>	<u>Conceptual Construction Schedule</u>	

ADD. NO. 10

ADD. NO. 3

ADD. NO. 4

ADD. NO. 6

ADD. NO. 10

Responsible Engineer/ Architect:

1. Jeffrey Ifft, PE / Brown and Caldwell, PE-062015
2. Bruce Ball, PE / Brown and Caldwell, PE-092538
3. Tim MacVittie, PE / Brown and Caldwell, PE-089039
4. Deanna Sigler, PE / Brown and Caldwell, PE-094121
5. Coreen Casadei, PE / Collective Efforts, PE-044242
6. Burt Otani, PE / Brown and Caldwell, PE-080844
7. Joe Springer, PE / Sigma Associates, PE-086550
8. Justin Minadeo, PE / Brown and Caldwell, PE-082048
9. Ralph Frye, PE / Brown and Caldwell, PE-053642
10. Jennifer Kilburn, PG / A&A Consultants, PG-004929
11. Rosa Castro-Krawlec, PE / Schnabel Engineering, PE-082230
12. Matthew Over, PE, Schnabel Engineering, PE-094328
13. Dean Waldrop, RA / Brown and Caldwell, RA-XXXXX
14. Jeremy Gatten, PS / SciTek, SU-075445
15. Elliott Burdwood PE / Osborn Engineering, PE-094364
16. Geoff Aiken. PE / Osborn Engineering, RA-409406
17. Matthew Goff, PE / Schnabel Engineering, PE-087679
18. Phaidra Campbell, PE / Schnabel Engineering, PE-095271

CORPS OF ENGINEERS, U. S. ARMY
OFFICE OF THE DISTRICT ENGINEER
PITTSBURGH DISTRICT
925 NEW FEDERAL BUILDING
PITTSBURGH 19, PA.

REFER TO FILE NO.
OVPKL

2 August 1954

PERMIT

Allegheny County Sanitary Authority
200 Ross Street
Pittsburgh 19, Pennsylvania

ATTENTION: Mr. J. F. Laboon

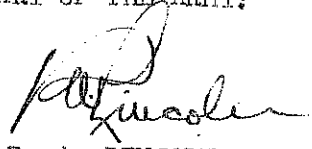
Gentlemen:

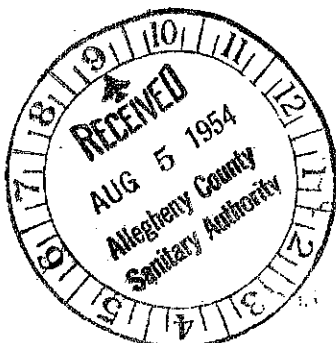
Referring to your written request dated 1 June 1954, upon the recommendation of the Chief of Engineers, and under the provisions of Section 10 of the Act of Congress approved 3 March 1899, entitled: "An Act Making Appropriations for the Construction, Repair and Preservation of Certain Public Works on Rivers and Harbors and for Other Purposes", you are hereby authorized by the Secretary of the Army to construct a river wall on the right bank of the Ohio River, Emsworth Pool at Pittsburgh, Pa., approximately 3.3 miles below the head of the river.

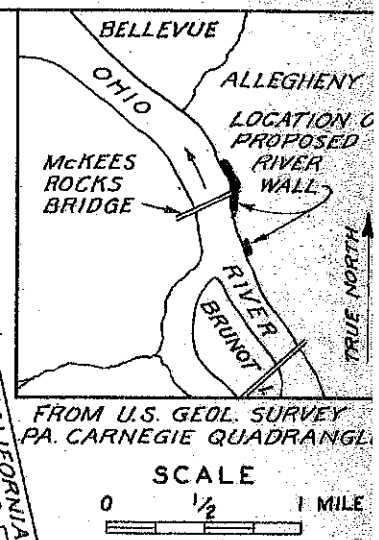
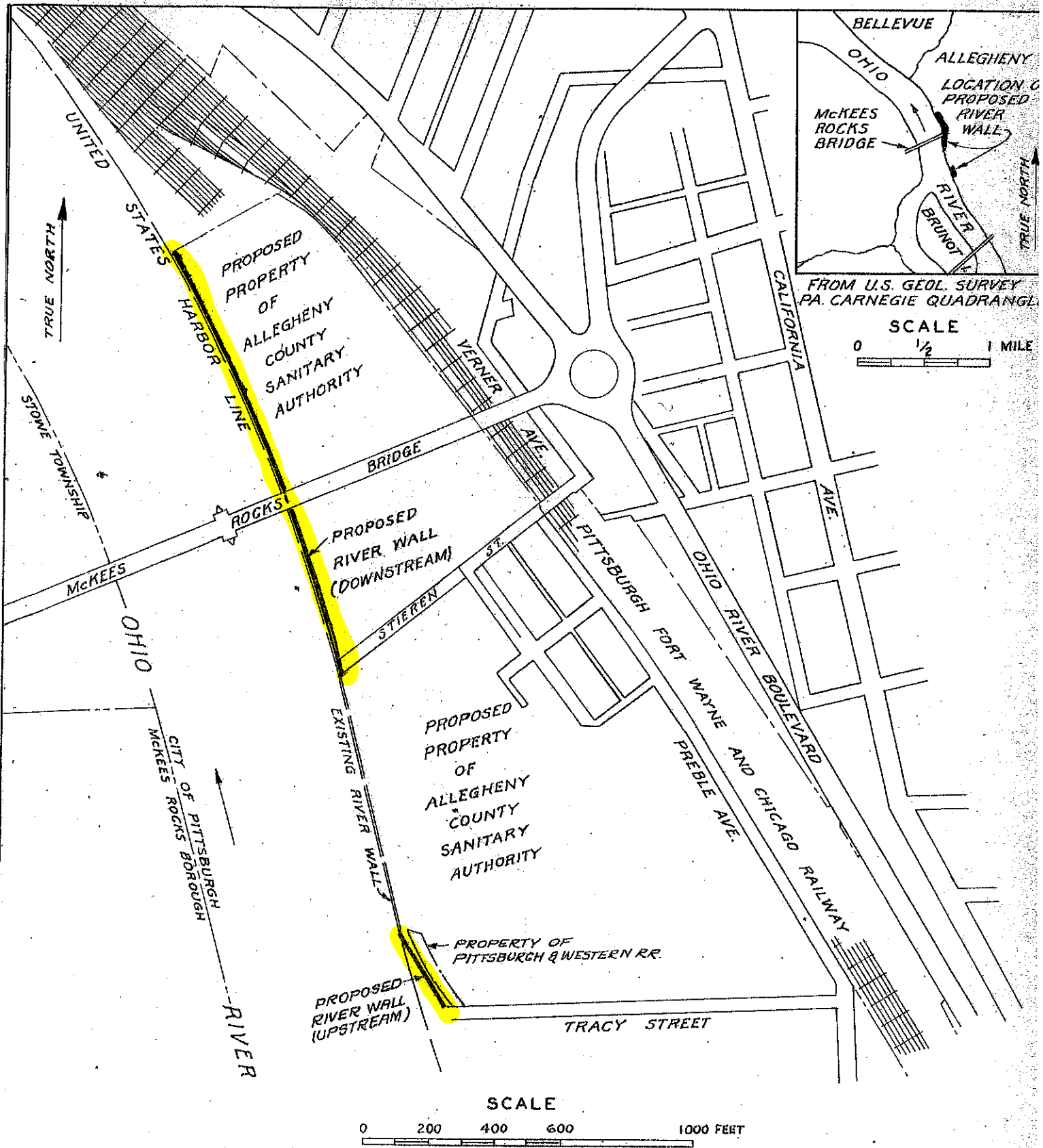
If the work authorized is not completed on or before 31 December 1957, this authorization if not previously revoked or specifically extended, shall cease and be null and void.

It is to be understood that this letter does not give any property rights either in real estate or material, or any exclusive privileges; and that it does not authorize any injury to private property or invasion of private rights, or any infringement of Federal, State or local laws or regulations, nor does it obviate the necessity of obtaining State assent to the work authorized. It merely expresses the assent of the Federal Government so far as concerns the public rights of navigation. (See *Cummings v. Chicago*, 188 U.S., 410.)

BY AUTHORITY OF THE SECRETARY OF THE ARMY:

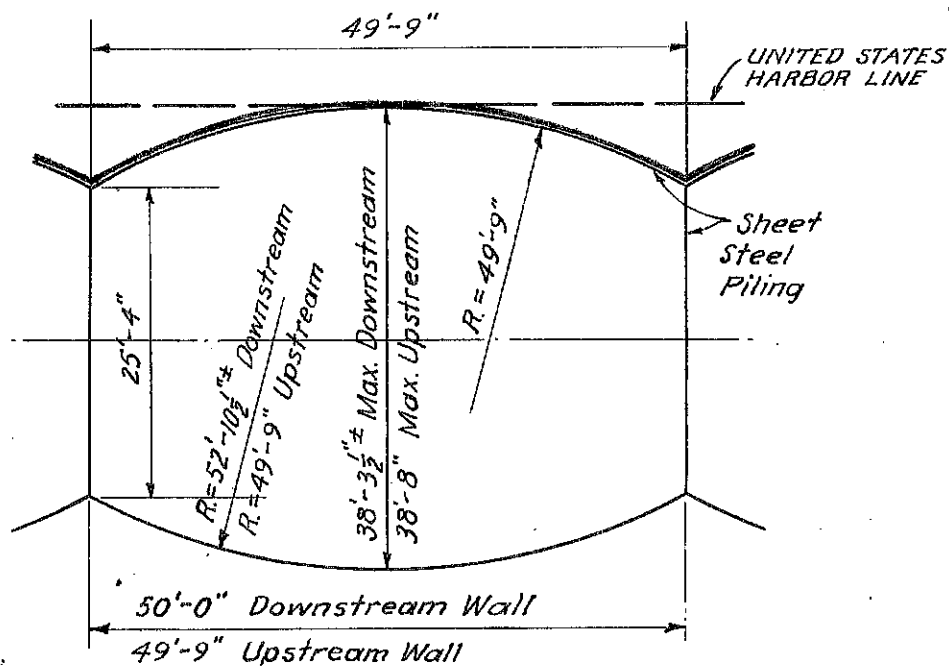

R. A. LINCOLN
Colonel, Corps of Engineers
District Engineer



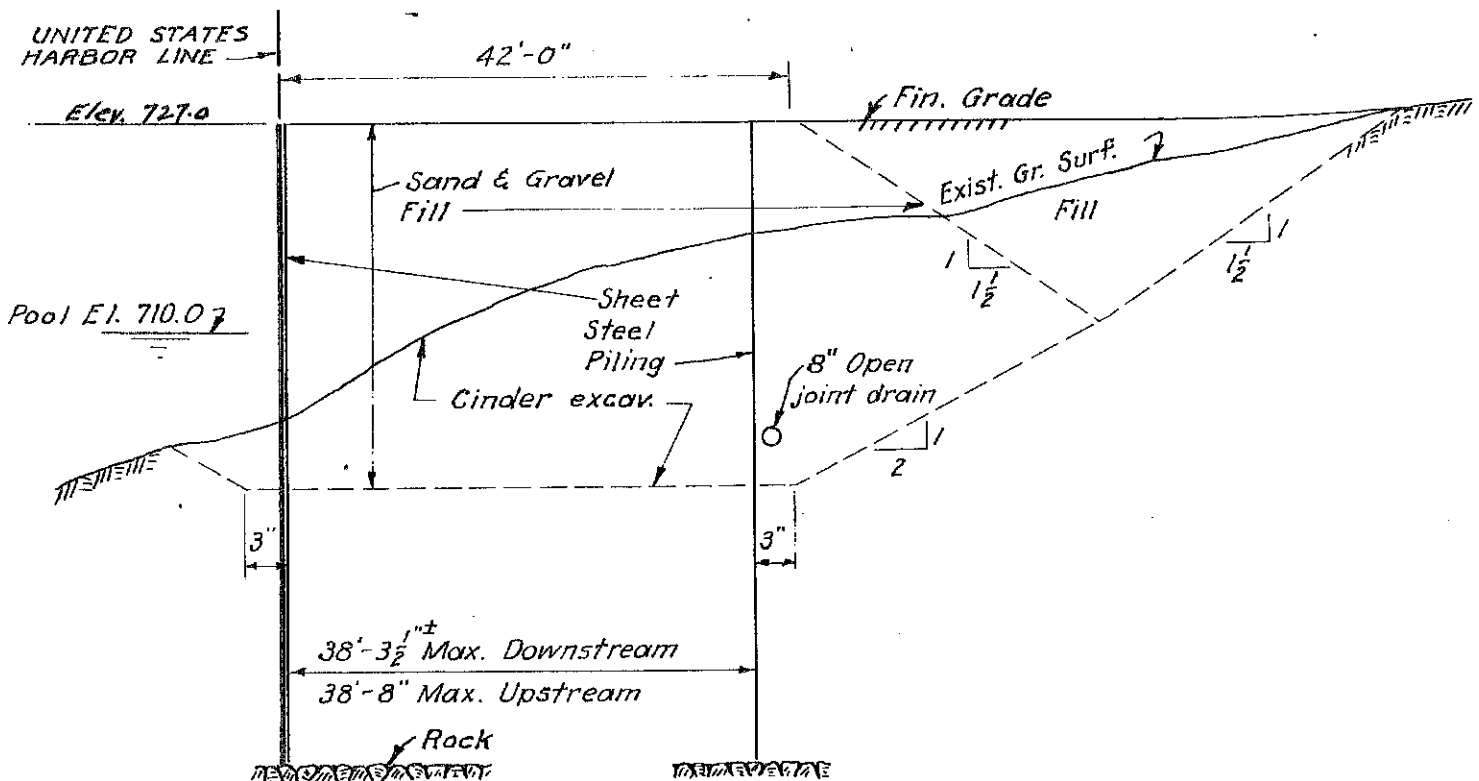


APPLICATION BY ALLEGHENY
COUNTY SANITARY AUTHORITY
JUNE 1 1954 DATE

PROPOSED RIVER WALL
ON OHIO RIVER
AT PITTSBURGH, PA.



TYPICAL CELL PLAN



TYPICAL SECTION

SCALE

0 4 8 12 16 20 24 28 32 FEET

Pittsburgh, Pa.,

August 30, 1965

To the Commonwealth of Pennsylvania

Department of Forests and Waters

Water and Power Resources Board:

In compliance with the provisions of an Act of the General Assembly of the Commonwealth of Pennsylvania, entitled, "An act providing for the regulation of dams, or other structures or obstructions, as defined herein, in, along, across or projecting into all streams and bodies of water wholly or partly within, or forming part of the boundary of, this Commonwealth; vesting certain powers and duties in the Water Supply Commission of Pennsylvania, for this purpose; and providing penalties for the violation of the provisions hereof," approved the 25th day of June, A. D. 1913, as amended by Act No. 137, approved May 6, 1937, and "The Administrative Code" which empowers the Water and Power Resources Board to exercise certain powers and perform certain duties by law vested in and imposed upon the Water Supply Commission of Pennsylvania.

(Here state name of person or persons, partnership, association, corporation, county, city, borough, town, or township.)

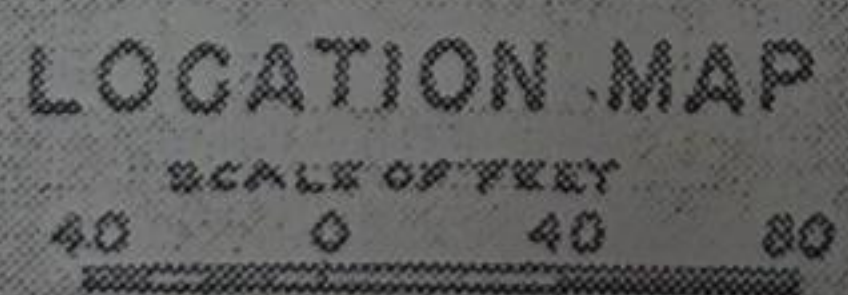
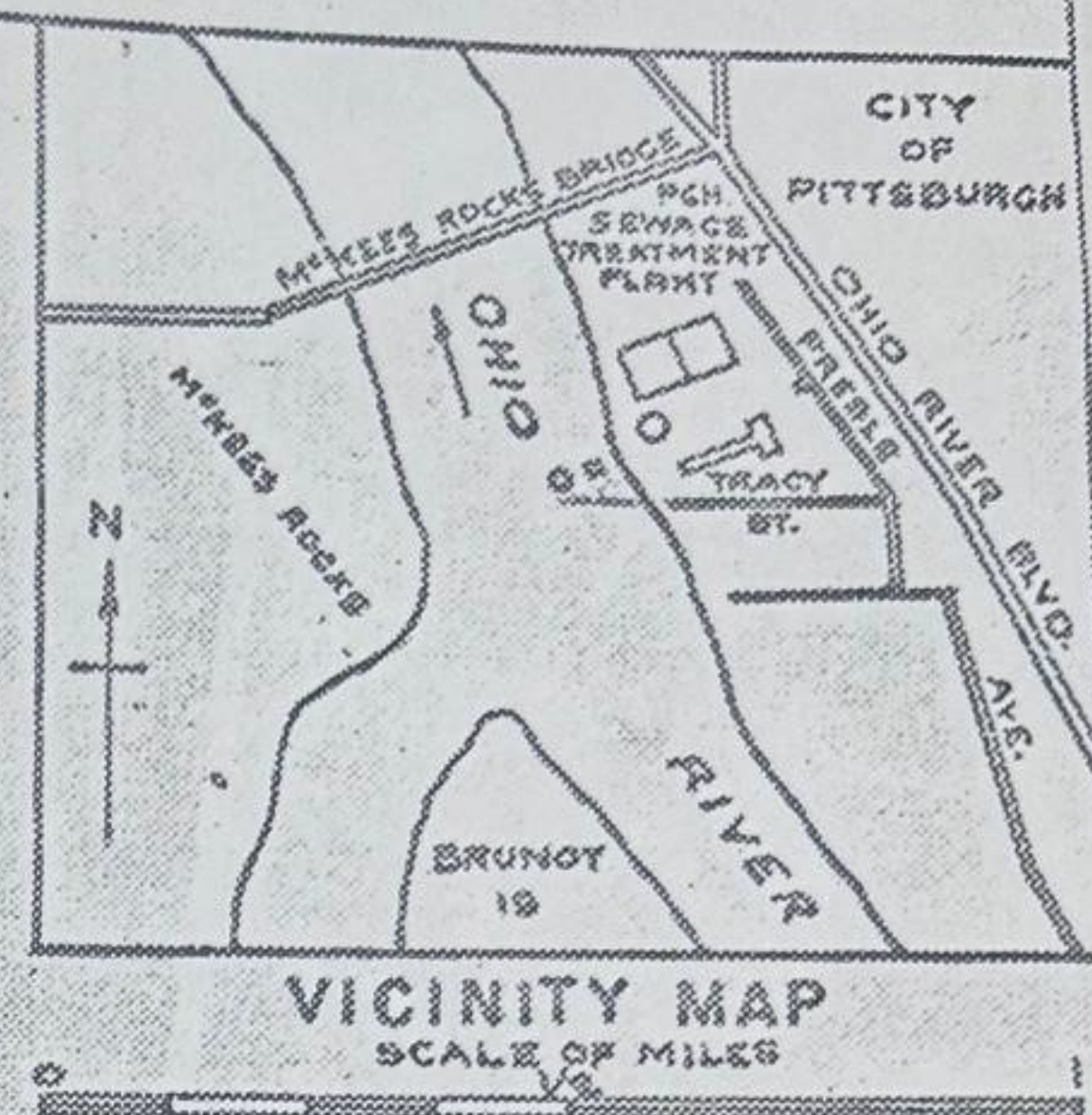
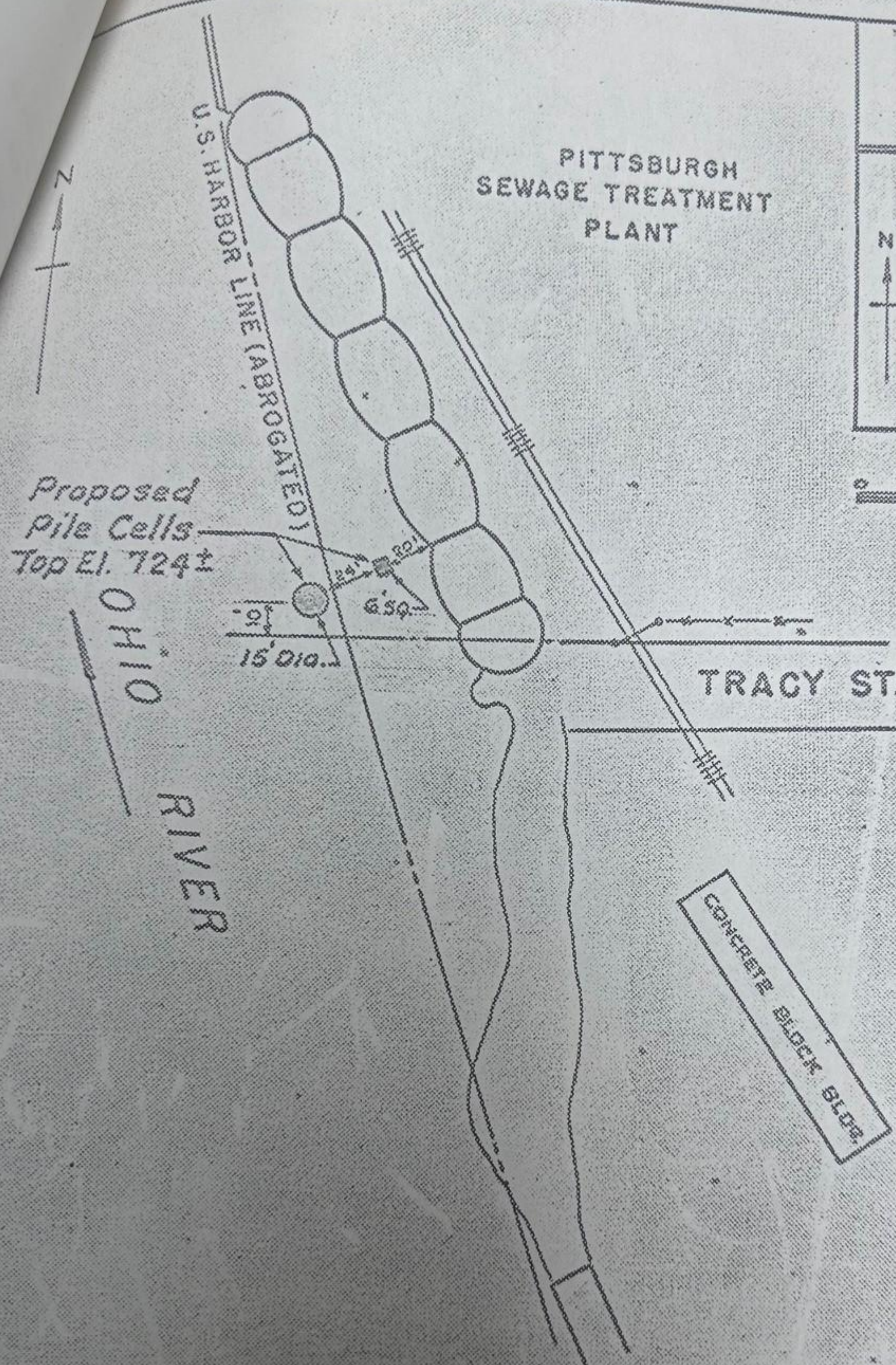
Allegheny County Sanitary Authority

hereby makes application for the consent or permit of the Water and Power Resources Board to construct, or to make a change in, or addition to, or to maintain two pile cells

in, along, or across the Ohio River
(Here state name of stream or other body of water.)

at a point on the right bank at mile 3 (U. S. Engineers, Harbor Line Sheets) at
(Here give location, by distance from mouth of stream, county, township, or municipal boundary; also give city, town, or township and county in which located.)

the wharf wall of the Pittsburgh Sewage Treatment Plant in the City of
Pittsburgh.



PROPOSED
PILE CELL PROTECTION
FOR
RIVER MAINTENANCE EQUIPMENT
OHIO RIVER

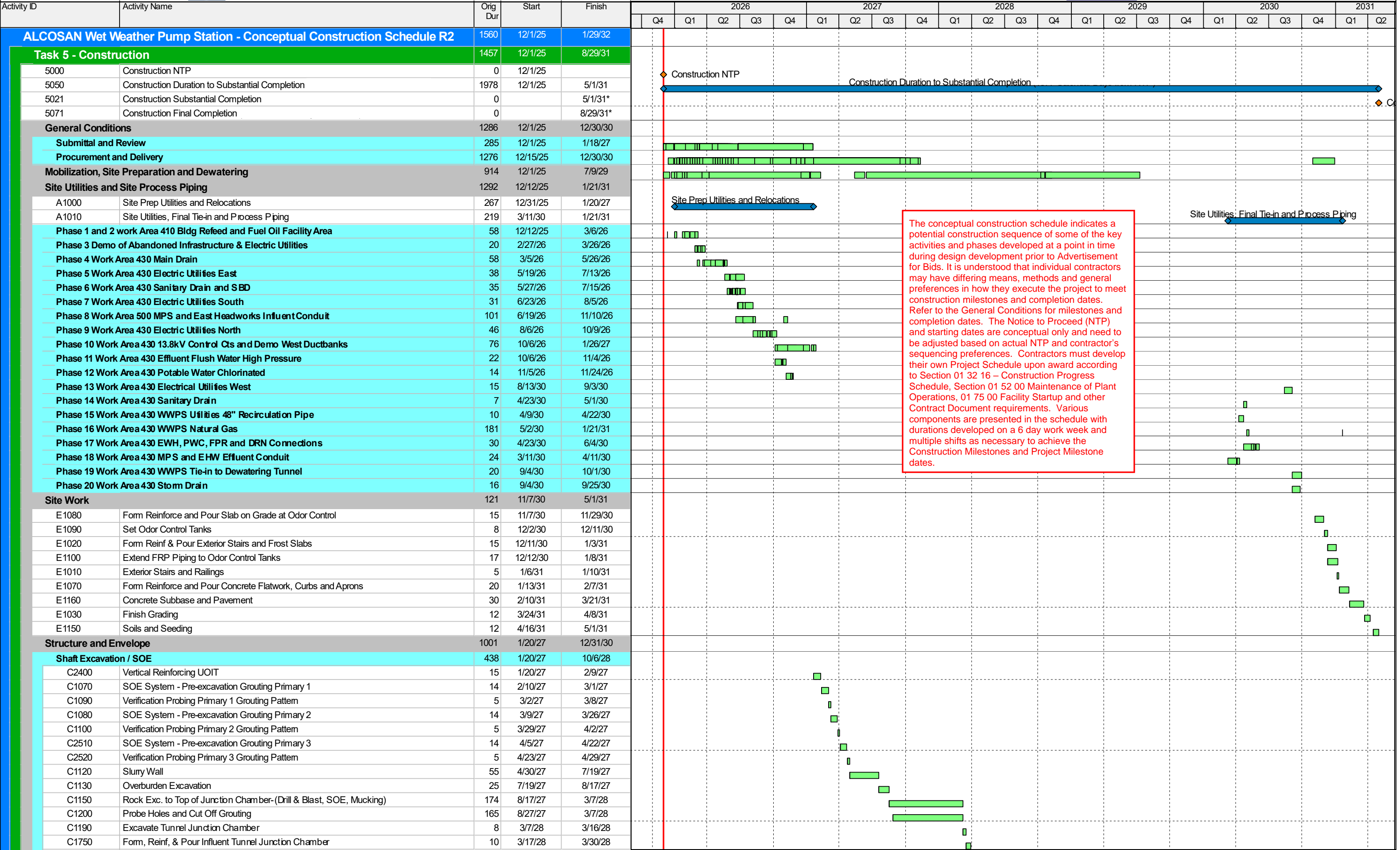
Application by:
ALLEGHENY COUNTY SANITARY AUTHORITY
SHEET 1

fer to
L46

Section 5M: Conceptual Construction Schedule



S489 ALCOSAN Wet Weather Pump Station
Conceptual Construction Schedule



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