EXECUTIVE SUMMARY

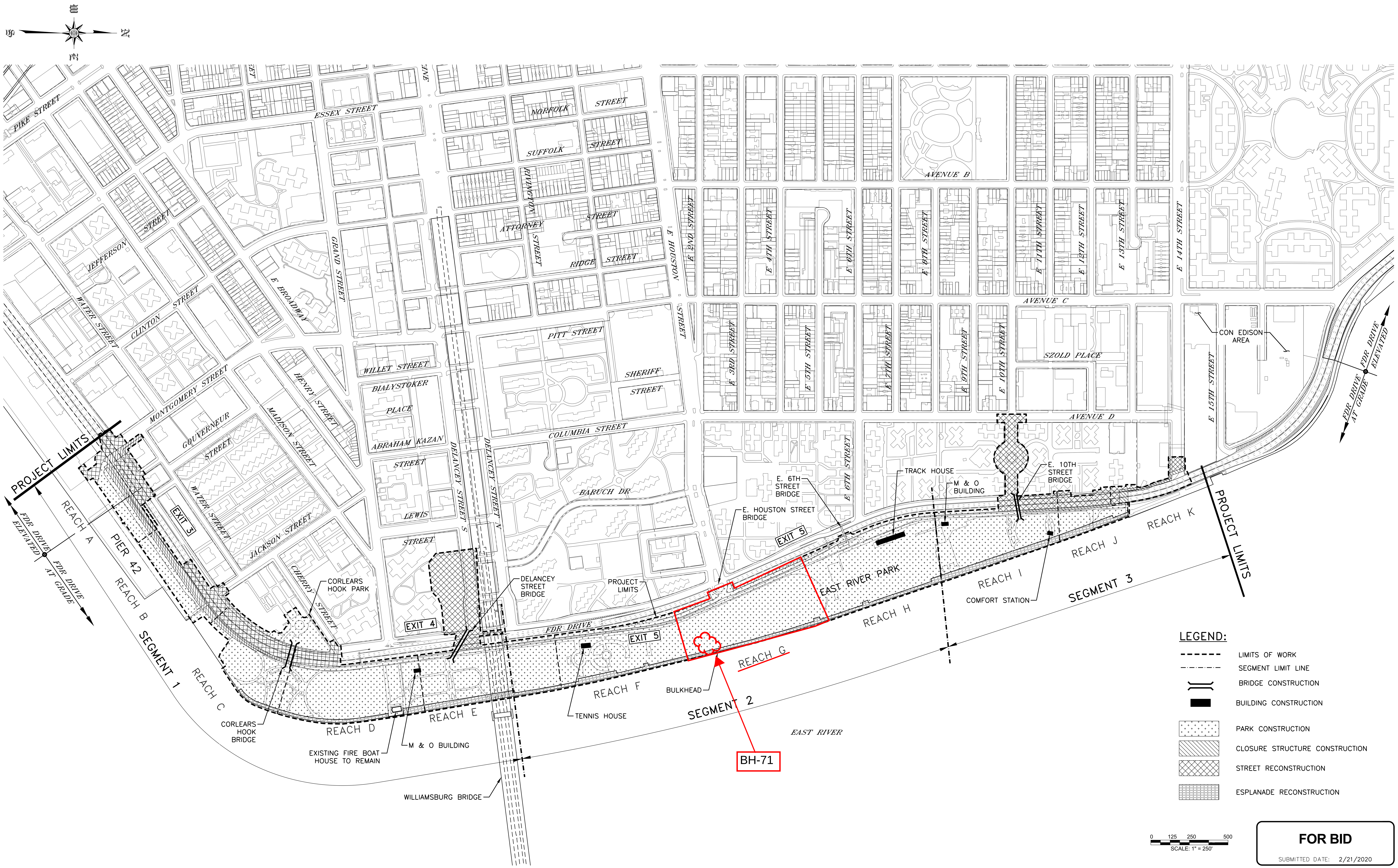
During construction activities for the Installation of East Side Coastal Resiliency from Montgomery Street to East 15th Street in Manhattan, project ID SANDRESM1, New York City (NYC) Department of Design and Construction's (DDC) contractor conducted soil sampling pursuant to the regular agency protocol. During testing of 14 soil samples collected on January 17th, 2024, within the project area, one (1) sample (BH-71) was found to contain hazardous levels of lead exceeding USEPA standards. Laboratory analysis was received from Phoenix Environmental Laboratories, Inc. on January 26, 2024 and transmitted to the PMCM team.

Lab analysis of sample BH-71, collected in Reach G (See attached figure), contained TCLP lead detected at a concentration of 6.67 mg/L which exceeds the USEPA Hazardous Waste Limit of 5.00 mg/L. Sample BH-71 was collected from a boring advanced to fifteen feet below grade surface in a location to be excavated for the proposed bulkhead. The soil located at BH-71 is underground and undisturbed. The hazardous lead location is shown on the attached figures. The impacted soil will be secured, removed and disposed to ensure public safety.

Initial laboratory analysis indicated the sample collected from BH-71 exhibited a total lead concentration of 130 parts per million (ppm) and a TCLP lead concentration of 6.32 mg/L. A TCLP result as high as 6.32 mg/L with total lead detected at only 130 ppm is atypical. The sample was re-analyzed for TCLP lead by Phoenix Environmental Laboratories, Inc. in order to verify the hazardous result. The re-analysis indicated TCLP lead was detected at 6.67 mg/L, a hazardous concentration.

Prior to removal and disposal, the contractor will perform all work in accordance with the previously submitted and approved Material Handling Plan (MHP), Health and Safety Plan (HASP) and Community Air Monitoring Plan (CAMP) currently on file with DDC.

The full project scope for SANDRESM1 consists of construction of flood protection measures including installation of flood walls and closure structures. Project plans include construction of an above ground floodwall, a transition retaining wall, and installation of flood gates. The scope of work also includes infrastructure improvements to mitigate risk of flood damage including reconstruction of water mains and sewers. East River Park will be elevated nine feet and reconstructed, including existing park structures and recreational features, the amphitheater, track facility and tennis house. Proposed work also includes construction of new pedestrian bridges, street lighting and traffic work.



FOR BID

SUBMITTED DATE: 2/21/2020

NO.	DATE	DESCRIPTIONS	BY	APPR'D

REVISIONS

FINAL DESIGN SUBMITTED BY:
The AKRF-KSE JV

FINAL DESIGN PREPARED BY:
KS ENGINEERS, P.C.
NAME OF CONSULTANT

SIGNATURE
02/21/2020
DATE

CITY OF NEW YORK
DEPARTMENT OF DESIGN + CONSTRUCTION
DIVISION OF INFRASTRUCTURE
BUREAU OF DESIGN

PROJECT GENERAL CONSTRUCTION PLAN

KSE
DRAWN BY

SANDRESM1-TC101-00.dwg
CADD FILE

INSTALLATION OF
EAST SIDE COASTAL RESILIENCY
BOROUGH OF MANHATTAN

CAPITAL PROJECT NO. SANDRESM1 2/21/20

SHEET 2651 of 2791

TC101

CONSULTANT DESIGN