

Section 20 - Condition Assessment Protocol

A. Introduction – One of the elements of the HRSD’s Management, Operation, and Maintenance (MOM) per Environmental Protection Agency (EPA) involves collection of condition assessment information on HRSD’s active and planned to be abandoned force mains and gravity sewer mains. HRSD has developed procedures for collecting limited information on pipelines taken out of service either temporarily for repair / rehabilitation or for abandonment. This Section will detail the desired condition assessment program on repaired or abandoned pipelines of the types in HRSD’s system as part of the construction bid documents.

HRSD also desires to collect condition information on existing treatment plant facilities to the extent possible during the course of construction activities. This section also details procedures for collecting information on such facilities.

B. Condition Assessment Plan during PER phase – The FIRM will coordinate with HRSD’s Asset Management Division of the Engineering Department during the PER phase of a project to develop a Condition Assessment Plan for the existing HRSD infrastructure to be impacted by the rehabilitation, replacement, or new infrastructure project(s) This Condition Assessment Plan will be incorporated into the final PER. For projects without a PER (such as Design Build projects), incorporate this plan into the Basis of Design documents and/or Bridging Documents.

C. Condition Assessment Plan during Design phase – The FIRM will incorporate condition assessment needs as determined in the Condition Assessment Plan into the design. As changes occur in the design that may change the Condition Assessment Plan, FIRM shall coordinate with HRSD’s Asset Management Division of the Engineering Department to make appropriate revisions to the Condition Assessment Plan.

D. Technical Specification – The FIRM shall coordinate with HRSD’s Project Manager on who should collect the data as part of the Condition Assessment Plan, HRSD personnel, FIRM personnel, or the Contractor. Construction plans and specifications shall clearly state who is responsible for collecting the condition assessment data. A Master Technical Specification Section 02774 – Condition Assessment Data Collection for Pipelines Being Repaired or to be Abandoned was developed for insertion into HRSD administered construction projects when it is decided the Contractor is responsible for condition assessment data collection. This Master Technical Specification may be revised to delineate FIRM, HRSD and Contractor’s responsibilities in condition assessment data collection.

E. Data Collection Forms – The Asset Management Division of the Engineering Department has created condition assessment data collection forms for the following that shall be used when applicable:

- a. Concrete Pipelines
- b. Ferrous Pipelines
- c. Coupon Data

FIRM shall request the most recent version of forms to be used during the condition assessment.

End of Section