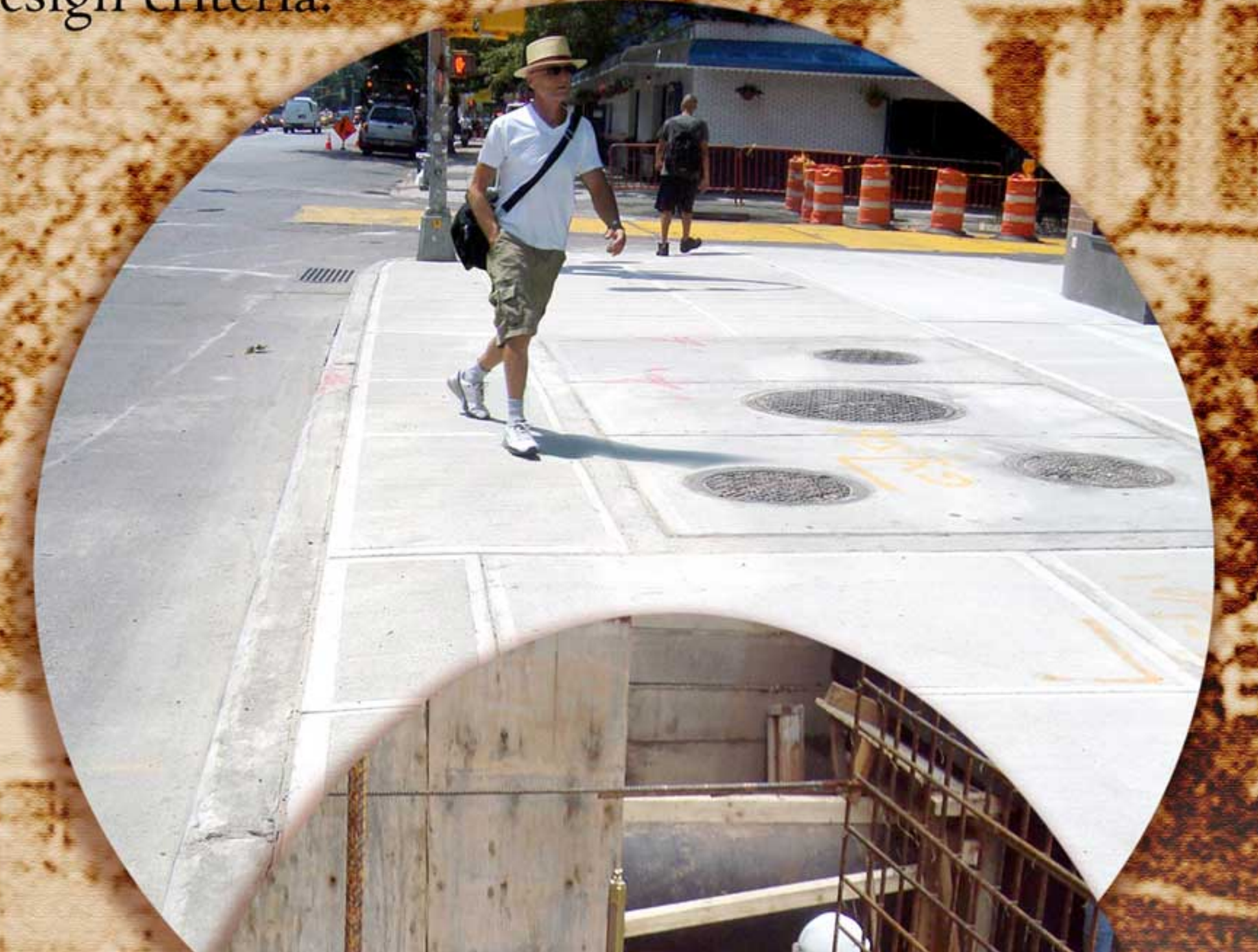


for Insuring NYC's Water Supply COOPER SQUARE AREA

The MED-595 Lafayette Street Trunk Water Main Project was part of NYC's plan to interconnect the first and second City Water Tunnels in advance of taking each tunnel out of service for inspection and repair. This will be done once the newer City Tunnel #3 becomes fully operational. NYCDDC retained KS Engineers, P.C. for Resident Engineering Inspection Services. The work included the installation of steel trunk water mains, flow meters and regulator valves. Making the project complex and challenging were enhancements to Shaft 19 of City Tunnel #1 and connections to Shaft 31B of City Tunnel #2. The KSE team had encountered many issues during the duration of the project, which included extensive utility interferences that required redesign of the layout for the trunk mains. KSE resolved the various issues with minimum disruption of water service and to traffic flow while maintaining essential services and meeting the NYCDDC design criteria.



MED-595 Installation of Trunk Water
Borough of Manhattan, NY

Client:

NYCDDC

Thomson Avenue
New York, NY 11101

Entrant:

KS Engineers, P.C.

New York, NY

