**CONSULTANT-SUPPORTED INVENTORY AND ASSESSMENT OF THE TOWN OF GUILFORD’S MS4 ASSETS**

The South Central Regional Council of Governments (SCRCOG) is soliciting proposals from the region’s On-Call List of Engineering Consultants to assist with a pilot program inventory and assessment of Municipal Separate Storm Sewer System (MS4) assets in the Town of Guilford. All work must be completed by June 30, 2025. The goal of this effort is to inventory MS4 assets in Guilford with the potential for expanding to a regional effort involving inventory and assessment of MS4 assets across SCRCOG member municipalities.

**Municipal Separate Storm Sewer System (MS4) Background and Guidelines**

Municipal Separate Storm Sewer Systems (MS4) infrastructure is critical to the environmental wellbeing of our municipalities. MS4 infrastructure permitting is required by the U.S. Environmental Protection Agency (EPA) under the Stormwater Phase II rules from 1999. MS4 management allows for effective drainage of stormwaters from roadways and other infrastructure and will be increasingly important with climate change and the potential for increased frequent and intense weather events.

Due to the requirement and importance of MS4 infrastructure, the proposed Guilford MS4 Inventory seeks to take geographic inventory of all MS4 assets within the Town of Guilford and develop a comprehensive database of locations, conditions, and characteristics of MS4 infrastructure. The database will create an authoritative and standardized inventory of all MS4 assets in Guilford to better prioritize improvements and maintenance. The inventory should also allow for coordination between municipalities for stormwater resilience if the pilot program is successful and expanded throughout the SCRCOG region.

This project will include a field verified inventory of locations, age, condition, measurements, and type of existing MS4 assets such as inlets, outfalls, culverts, basins, and pipes. Additionally, the project will include identification of access and ownership type for each asset in the Town of Guilford, with the potential for extension of data collection efforts to all SCRCOG member municipalities.

Task 1: Collect and verify the location of the following existing MS4 assets in Guilford:

1. Inlets
2. Outfalls
3. Bioswales and detention basins
4. Catch basins
5. Pipes
6. Manholes

Task 2: Inventory the following characteristics as they pertain to each of the mapped assets:

1. Properties
   1. Material
   2. Age
   3. Size/measurements
   4. Invert elevations
   5. Pipe depths
   6. Access type
   7. Ownership
2. Condition of assets

Task 3: Deliver a geodatabase of field-verified location, characteristic, and condition data for the town’s MS4 assets.

To complete the evaluation, the Selected Consultant may submit comments and requests for additional information from the SCRCOG.

**Responses**

Firms included in the Region’s On-Call List of Engineering Consultants are invited to respond to this notice. Respondents should provide a lump sum quote for each task and a designated contact person. Responses should be submitted electronically and are due by Monday November 25, 2024. Selected Respondents will be notifiedbyFriday, December 6, 2024.

**Submit responses to**

Email:[**jrode@scrcog.org**](mailto:jrode@scrcog.org)

James Rode, Director of Transportation

South Central Regional Council of Governments

127 Washington Avenue, 4th Floor West

North Haven, CT 06473