



BLACK & VEATCH
Building a world of difference.



MEMPHIS SEWER ASSESSMENT & REHABILITATION PROGRAM

SSES PHASE 8 PREPROPOSAL MEETING



SARP10 TEAM



Christopher Morriscal- City Of Memphis
Bently Green - Program Manager
Joe Collins – Construction Manager
Juvenal Borrero – Safety Manager

CITY OF MEMPHIS SEWER SYSTEM



- **Over 2,800 miles of Sanitary Sewer Lines**
- **85,000 manholes**
- **102 lift stations /300+ siphons**
- **2 treatment plants (T.E. Maxson & Maynard C. Stiles) - 150 mgd average daily flow**

SARP10 Program

- **General Requirements:**
 - Reduce SSOs and backups
 - Assessment of the entire Wastewater Collection & Transmission System
 - Conduct Assessment of approximately 250 Miles annually
 - Rehabilitate priority areas and sewers
 - Enhance preventive maintenance
 - Rehabilitate assets in accordance with IRP
- 10 year program: CD executed September 20th, 2012.

SAFETY

SAFETY

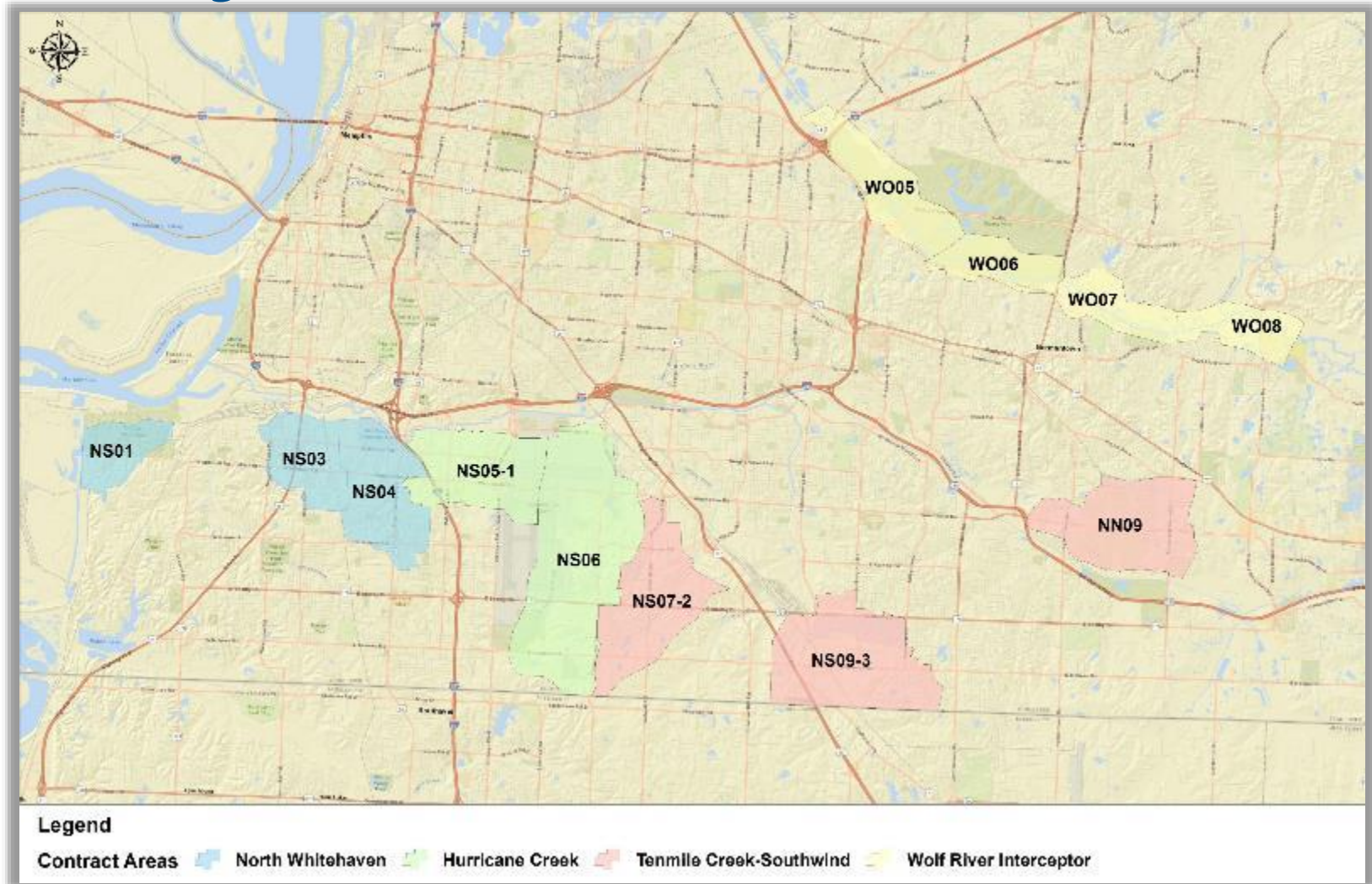
Bidders must comply with SARP10 Safety and Health Program as defined in the Loss Control Manual, which is available at:

<http://www.sarp10.com/facts/>

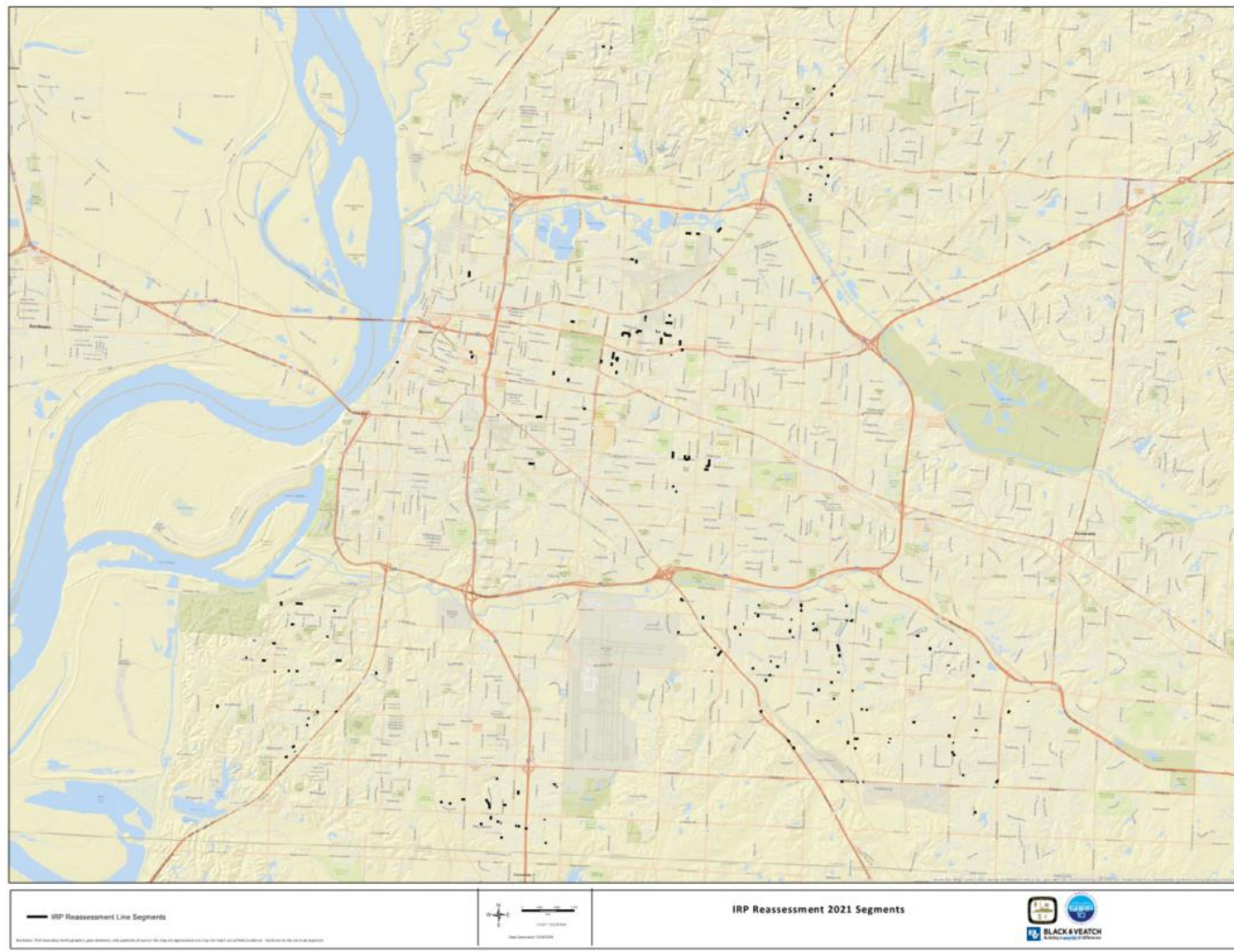
Scope of Work

- Completion and correct documentation per Technical Specifications of the condition assessment of sanitary sewer lines and manholes
- There are five contracts:
 - 78.0126: North Whitehaven (NS01, NS03, & NS04)
 - 78.0127: Hurricane Creek (NS05-1 & NS06)
 - 78.0128: Tenmile Creek-Southwind (NS07-2, NS09-3, & NN09)
 - 78.0129: Wolf River Interceptor (WO05, WO06, WO07, & WO08)
 - 78.0130: IRP Reassessment 2021
- All areas include small and large diameter CCTV/sonar with cleaning, smoke testing, manhole inspections, and 3D manhole inspections for large diameter lines.

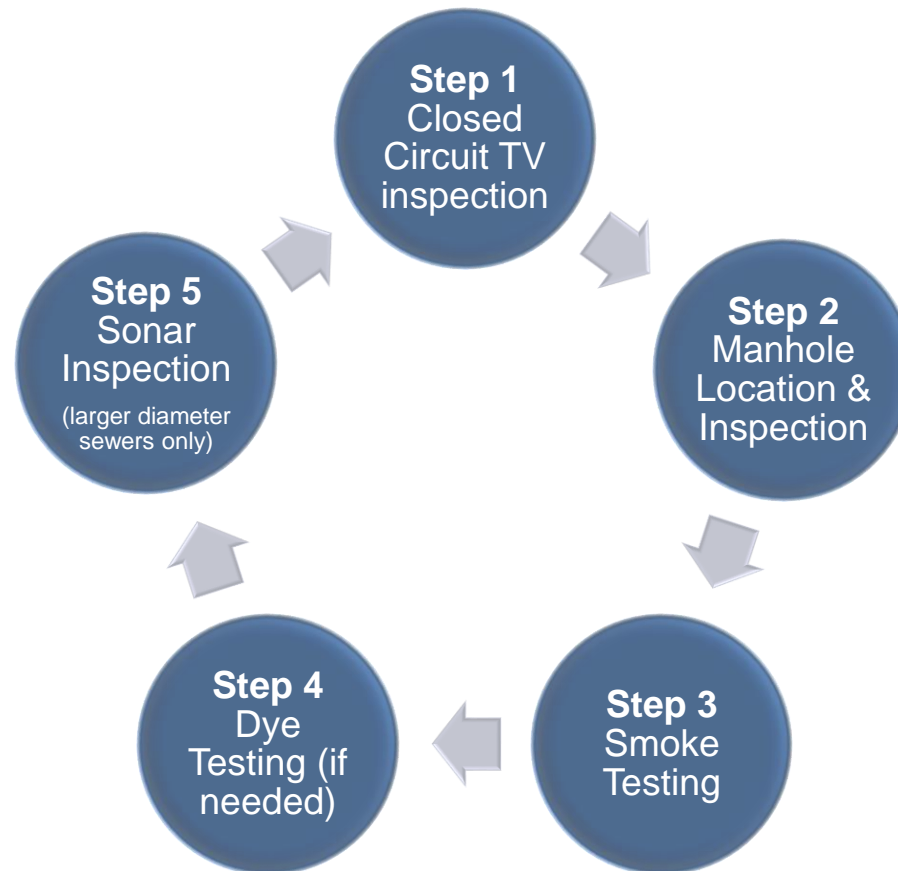
Project Location



Project Location



Condition Assessment Process



SCORING CRITERIA

- Project Approach & Schedule (**30** points)
- Project Team & Experience (**25** points)
- M/WBE Participation (**20** points)
- Cost of Scope of Work (**25** points)

SCHEDULE

- RFP Advertising Date: December 15, 2020
- Pre-Proposal Meeting: January 12, 2021
- Last Date for Questions: January 19, 2021
- Issue Final Addendum: January 26, 2021
- RFP Due: February 2, 2021*
- Public Notice of Award: February 23, 2021
- Preconstruction Meeting: March 2, 2021
- Tentative Notice to Proceed: March 2, 2021

***Due by 3:00pm local time**

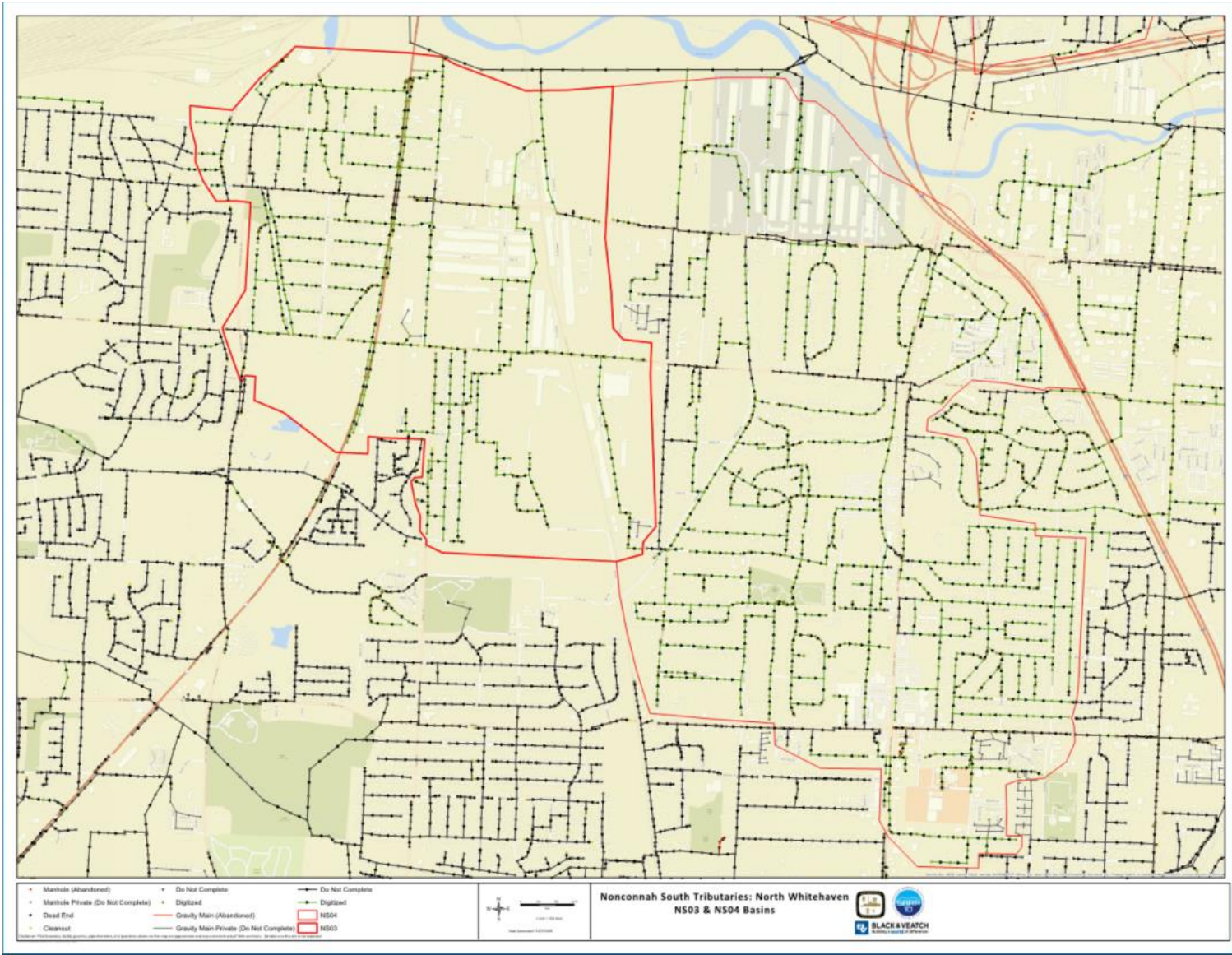
OTHER PROJECT OVERVIEW ITEMS

- Security
- Access to Work/Coordination with Others
- Miscellaneous items
- Siphons

ADDITIONAL INFORMATION PROVIDED IN RFP

- Overview Maps
- Vicinity Maps of Each Contract Area

VICINITY MAPS



TEAMWORX

- Tool that is used in the field to track work sites and report issues
- Crews will be responsible for updating their work sites as they change throughout the day
- Can be used on a smartphone or a computer
- Allows mobile access to Program's Sewer GIS
- Individual training classes will be established to train new contractors on usage

DATA

May 2020						
SU	MO	TU	WE	TH	FR	SA
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31	1	2	3	4	5	6

Conduct Inspections

Process Data

Deliver Weekly Submittal

Data Delivery Schedule

- Submittals are due Monday a week after work is completed
- Submittal Rejections- Due seven (7) days after notice
- Technical Rejections- Due fourteen (14) calendar days after notice is received.
- What is provided in the submittal is what is processed.
- The program will track when inspections are completed in the field and will if any are overdue

OTHER ITEMS

- **Qualification Requirements**
- **Insurance Requirements**
- **Preparation and Submission of Proposals**

QUESTIONS

