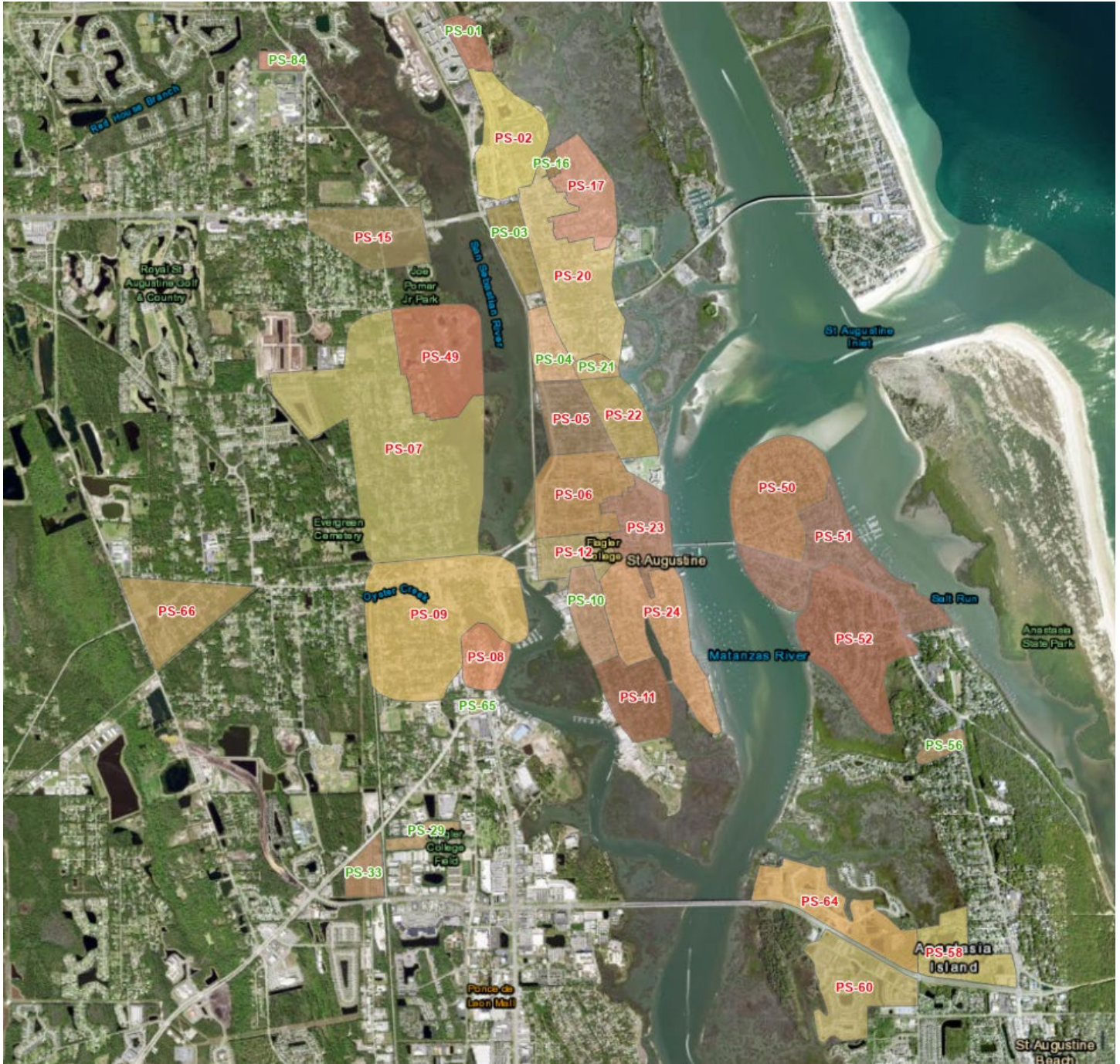




CITY OF  
**ST. AUGUSTINE**  
EST. 1565

## SANITARY SEWER INFLOW AND INFILTRATION PROGRAM

### BASINS IN NEED OF SMOKE TESTING AND REPAIR



|                                    |    |        |
|------------------------------------|----|--------|
| TOTAL LENGTH OF GRAVITY SEWER MAIN | LF | 367622 |
| TOTAL No OF MANHOLES               | EA | 1687   |
| TOTAL No OF LATERALS               | EA | 7510   |

Requested by: Isaac Kiltz, Engineer, Utilities Dept.  
Date: 5/17/2024

BASIN 1



|          |                               |    |      |
|----------|-------------------------------|----|------|
| BASIN 01 | TOTAL LENGTH OF GRAVITY SEWER |    |      |
|          | MAIN                          | LF | 2206 |
|          | TOTAL 6-IN GRAVITY MAIN       | LF | 789  |
|          | TOTAL 8-IN GRAVITY MAIN       | LF | 1181 |
|          | TOTAL 12-IN GRAVITY MAIN      | LF | 236  |
|          | TOTAL No OF MANHOLES          | EA | 12   |
|          | TOTAL No OF LATERALS          | EA | 49   |

## BASIN 2



BASIN 02

|                               |          |
|-------------------------------|----------|
| TOTAL LENGTH OF GRAVITY SEWER |          |
| MAIN                          | LF 12367 |
| TOTAL 8-IN GRAVITY MAIN       | LF 12333 |
| TOTAL 12-IN GRAVITY MAIN      | LF 34    |
| TOTAL No OF MANHOLES          | EA 56    |
| TOTAL No OF LATERALS          | EA 130   |

BASIN 3



BASIN 03

|                               |    |      |
|-------------------------------|----|------|
| TOTAL LENGTH OF GRAVITY SEWER |    |      |
| MAIN                          | LF | 6904 |
| TOTAL 6-IN GRAVITY MAIN       | LF | 308  |
| TOTAL 8-IN GRAVITY MAIN       | LF | 5114 |
| TOTAL 10-IN GRAVITY MAIN      | LF | 525  |
| TOTAL 12-IN GRAVITY MAIN      | LF | 958  |
| TOTAL No OF MANHOLES          | EA | 35   |
| TOTAL No OF LATERALS          | EA | 146  |

BASIN 4 (Includes BASIN 42 \*consisting of pipe segment 1182 and manholes 403 & 405 at the north end of what is delineated as basin 4)



|          |                               |    |      |
|----------|-------------------------------|----|------|
| BASIN 04 | TOTAL LENGTH OF GRAVITY SEWER |    |      |
|          | MAIN                          | LF | 4798 |
|          | TOTAL 6-IN GRAVITY MAIN       | LF | 413  |
|          | TOTAL 8-IN GRAVITY MAIN       | LF | 3946 |
|          | TOTAL 10-IN GRAVITY MAIN      | LF | 439  |
|          | TOTAL No OF MANHOLES          | EA | 30   |
|          | TOTAL No OF LATERALS          | EA | 112  |

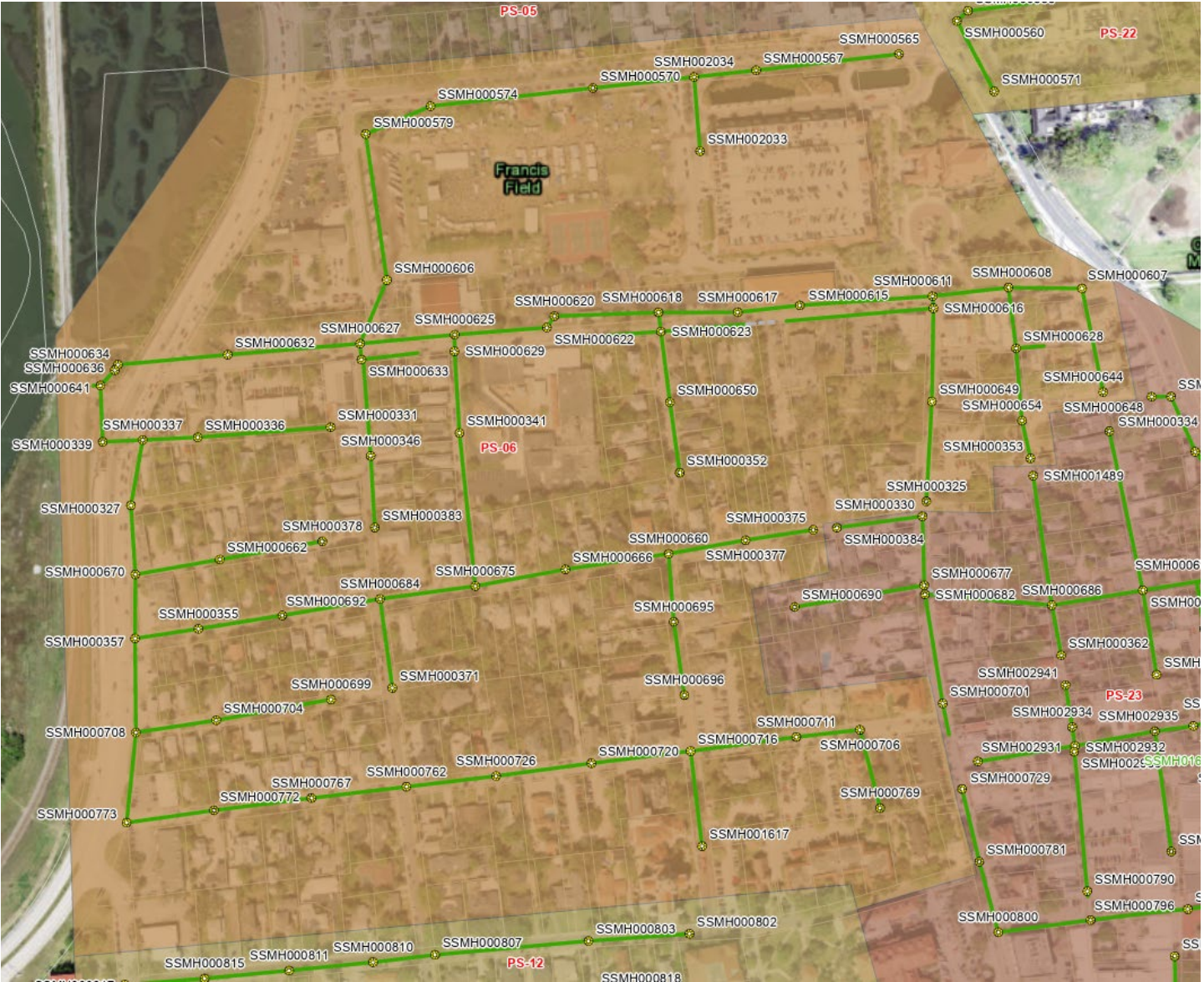
BASIN 5



BASIN 05

|                               |         |
|-------------------------------|---------|
| TOTAL LENGTH OF GRAVITY SEWER |         |
| MAIN                          | LF 9414 |
| TOTAL 6-IN GRAVITY MAIN       | LF 654  |
| TOTAL 8-IN GRAVITY MAIN       | LF 8273 |
| TOTAL 10-IN GRAVITY MAIN      | LF 174  |
| TOTAL 12-IN GRAVITY MAIN      | LF 313  |
| TOTAL No OF MANHOLES          | EA 39   |
| TOTAL No OF LATERALS          | EA 284  |

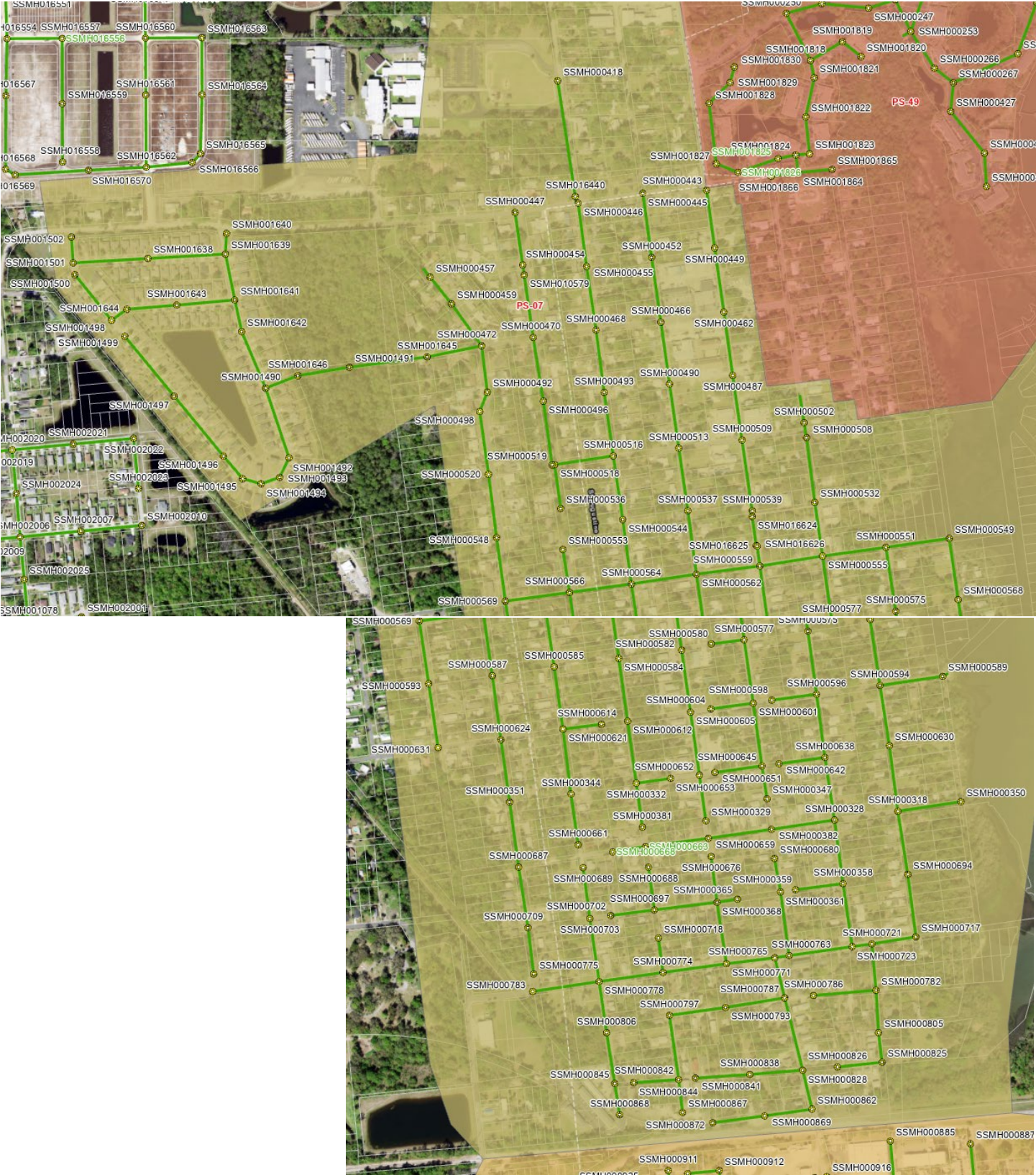
BASIN 6



BASIN 06

|                               |    |       |
|-------------------------------|----|-------|
| TOTAL LENGTH OF GRAVITY SEWER |    |       |
| MAIN                          | LF | 15290 |
| TOTAL 6-IN GRAVITY MAIN       | LF | 1153  |
| TOTAL 8-IN GRAVITY MAIN       | LF | 10046 |
| TOTAL 10-IN GRAVITY MAIN      | LF | 2937  |
| TOTAL 12-IN GRAVITY MAIN      | LF | 1084  |
| TOTAL 16-IN GRAVITY MAIN      | LF | 51    |
| TOTAL 18-IN GRAVITY MAIN      | LF | 19    |
| TOTAL No OF MANHOLES          | EA | 71    |
| TOTAL No OF LATERALS          | EA | 337   |

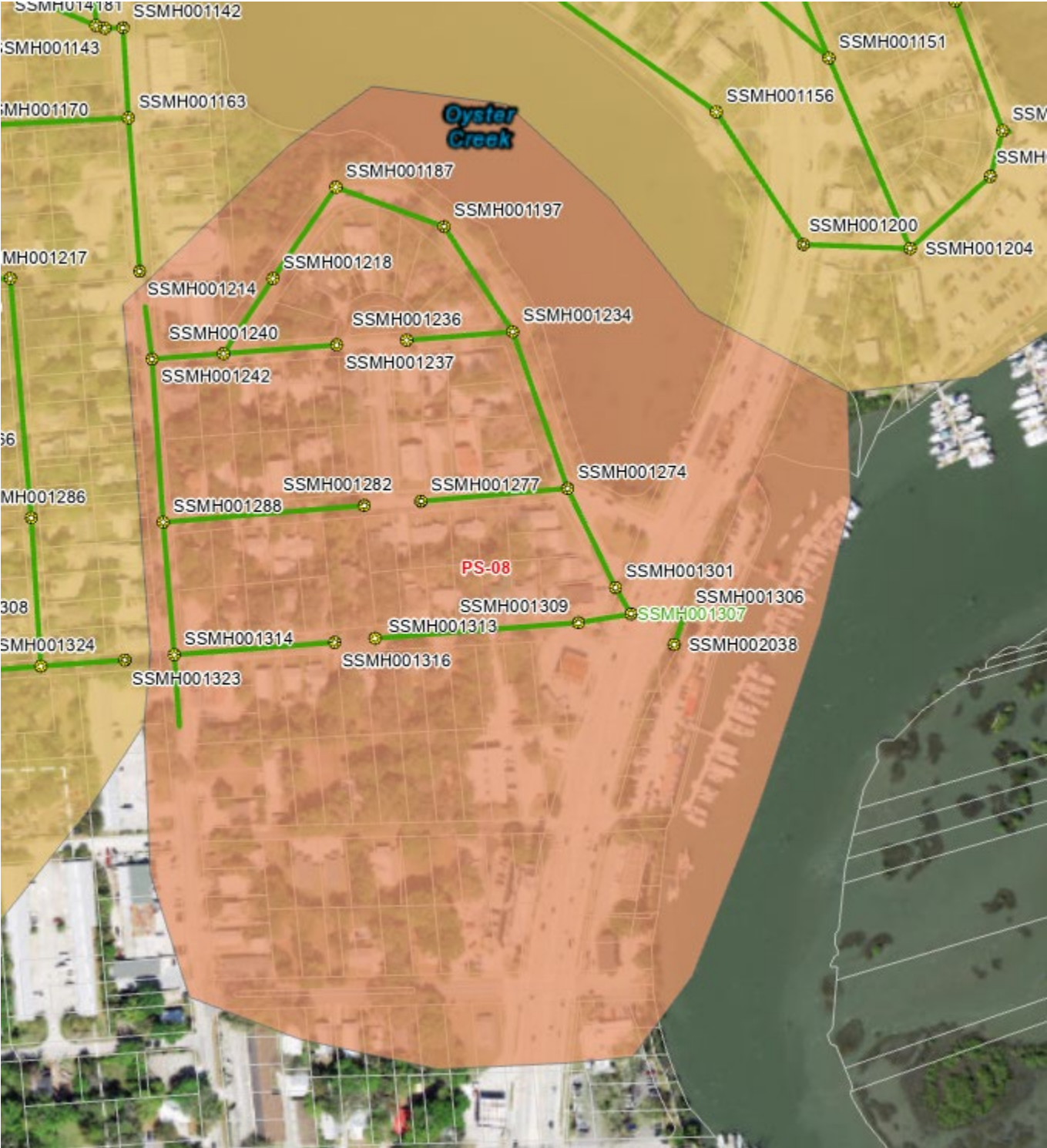
BASIN 7



BASIN 07

|                                    |    |       |
|------------------------------------|----|-------|
| TOTAL LENGTH OF GRAVITY SEWER MAIN | LF | 43935 |
| TOTAL 6-IN GRAVITY MAIN            | LF | 335   |
| TOTAL 8-IN GRAVITY MAIN            | LF | 39609 |
| TOTAL 10-IN GRAVITY MAIN           | LF | 669   |
| TOTAL 12-IN GRAVITY MAIN           | LF | 3321  |
| TOTAL No OF MANHOLES               | EA | 157   |
| TOTAL No OF LATERALS               | EA | 1132  |

BASIN 8



|          |                               |    |      |
|----------|-------------------------------|----|------|
| BASIN 08 | TOTAL LENGTH OF GRAVITY SEWER |    |      |
|          | MAIN                          | LF | 4175 |
|          | TOTAL 8-IN GRAVITY MAIN       | LF | 2005 |
|          | TOTAL 10-IN GRAVITY MAIN      | LF | 589  |
|          | TOTAL 12-IN GRAVITY MAIN      | LF | 1580 |
|          | TOTAL No OF MANHOLES          | EA | 20   |
|          | TOTAL No OF LATERALS          | EA | 94   |

BASIN 09

BASIN 10

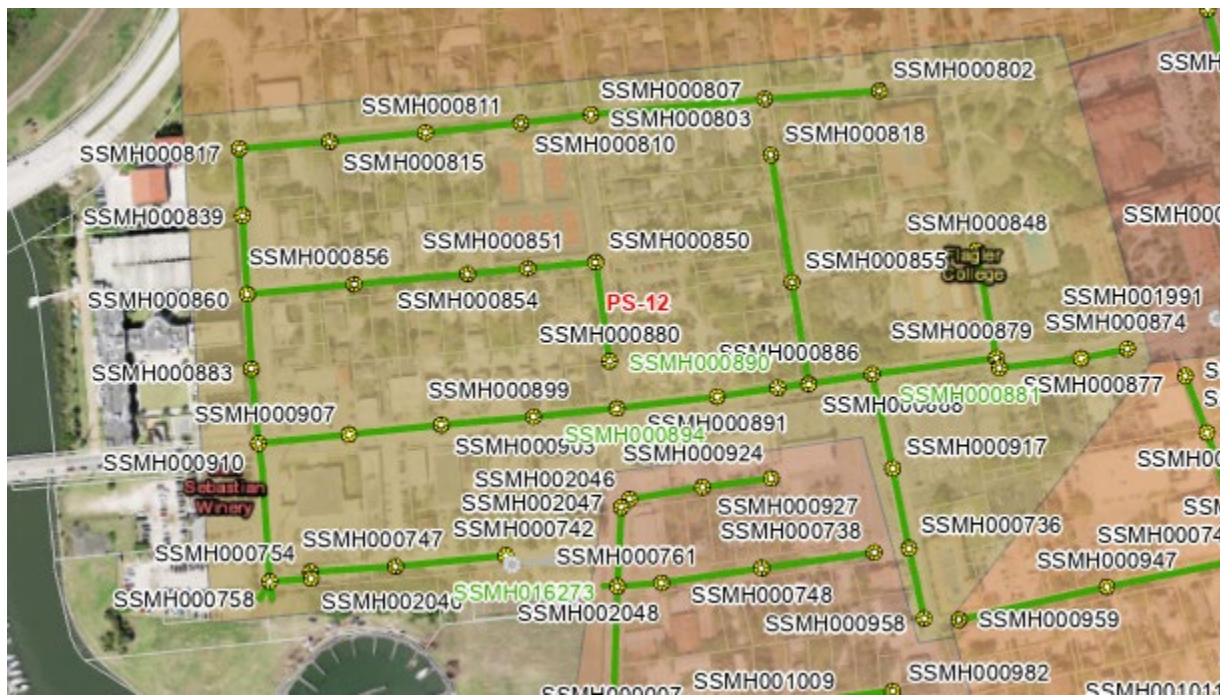


BASIN 10

|                               |    |       |
|-------------------------------|----|-------|
| TOTAL LENGTH OF GRAVITY SEWER |    |       |
| MAIN                          | LF | 10052 |
| TOTAL 8-IN GRAVITY MAIN       | LF | 6983  |
| TOTAL 10-IN GRAVITY MAIN      | LF | 2166  |
| TOTAL 12-IN GRAVITY MAIN      | LF | 862   |
| TOTAL 16-IN GRAVITY MAIN      | LF | 40    |
| TOTAL No OF MANHOLES          | EA | 58    |
| TOTAL No OF LATERALS          | EA | 307   |

|          |                                    |    |       |
|----------|------------------------------------|----|-------|
| BASIN 11 | TOTAL LENGTH OF GRAVITY SEWER MAIN | LF | 14109 |
|          | TOTAL 8-IN GRAVITY MAIN            | LF | 11709 |
|          | TOTAL 10-IN GRAVITY MAIN           | LF | 2347  |
|          | TOTAL 12-IN GRAVITY MAIN           | LF | 53    |
|          | TOTAL No OF MANHOLES               | EA | 67    |
|          | TOTAL No OF LATERALS               | EA | 68    |

## BASIN 12



BASIN 12

|                               |         |
|-------------------------------|---------|
| TOTAL LENGTH OF GRAVITY SEWER |         |
| MAIN                          | LF 7248 |
| TOTAL 4-IN GRAVITY MAIN       | LF 23   |
| TOTAL 6-IN GRAVITY MAIN       | LF 100  |
| TOTAL 8-IN GRAVITY MAIN       | LF 4447 |
| TOTAL 10-IN GRAVITY MAIN      | LF 1548 |
| TOTAL 12-IN GRAVITY MAIN      | LF 1130 |
| TOTAL No OF MANHOLES          | EA 40   |
| TOTAL No OF LATERALS          | EA 179  |

## BASIN 15



BASIN 15

|                               |         |
|-------------------------------|---------|
| TOTAL LENGTH OF GRAVITY SEWER |         |
| MAIN                          | LF 8120 |
| TOTAL 6-IN GRAVITY MAIN       | LF 92   |
| TOTAL 8-IN GRAVITY MAIN       | LF 8027 |
| TOTAL No OF MANHOLES          | EA 41   |
| TOTAL No OF LATERALS          | EA 134  |

BASIN 16



BASIN 16

|                               |    |     |
|-------------------------------|----|-----|
| TOTAL LENGTH OF GRAVITY SEWER |    |     |
| MAIN                          | LF | 493 |
| TOTAL 6-IN GRAVITY MAIN       | LF | 125 |
| TOTAL 8-IN GRAVITY MAIN       | LF | 368 |
| TOTAL No OF MANHOLES          | EA | 3   |
| TOTAL No OF LATERALS          | EA | 21  |

BASIN 17

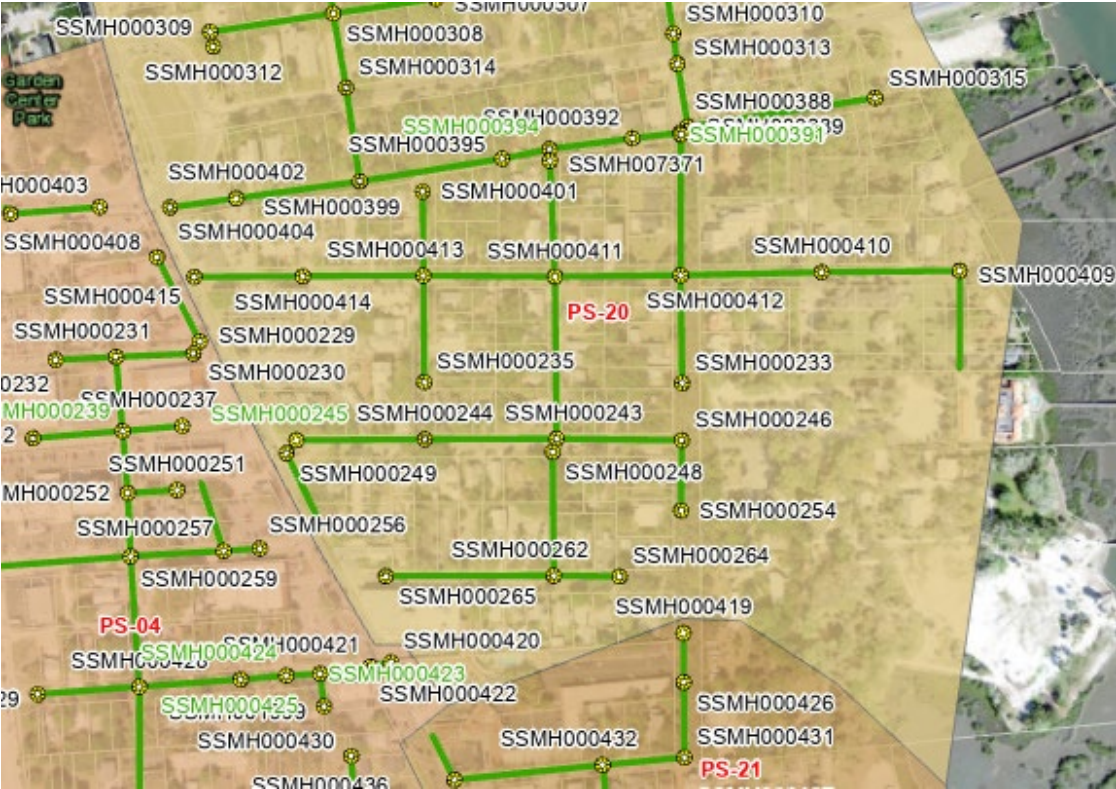
|                               |    |      |
|-------------------------------|----|------|
| TOTAL LENGTH OF GRAVITY SEWER |    |      |
| MAIN                          | LF | 9758 |
| TOTAL 4-IN GRAVITY MAIN       | LF | 22   |
| TOTAL 6-IN GRAVITY MAIN       | LF | 505  |
| TOTAL 8-IN GRAVITY MAIN       | LF | 8264 |
| TOTAL 10-IN GRAVITY MAIN      | LF | 313  |
| TOTAL 12-IN GRAVITY MAIN      | LF | 653  |
| TOTAL No OF MANHOLES          | EA | 41   |
| TOTAL No OF LATERALS          | EA | 236  |

BASIN 17





BASIN 20 CONT...



|          |                               |    |       |
|----------|-------------------------------|----|-------|
| BASIN 20 | TOTAL LENGTH OF GRAVITY SEWER |    |       |
|          | MAIN                          | LF | 24244 |
|          | TOTAL 6-IN GRAVITY MAIN       | LF | 4652  |
|          | TOTAL 8-IN GRAVITY MAIN       | LF | 12695 |
|          | TOTAL 10-IN GRAVITY MAIN      | LF | 993   |
|          | TOTAL 12-IN GRAVITY MAIN      | LF | 4482  |
|          | TOTAL 15-IN GRAVITY MAIN      | LF | 1284  |
|          | TOTAL No OF MANHOLES          | EA | 116   |
|          | TOTAL No OF LATERALS          | EA | 446   |

BASIN 21



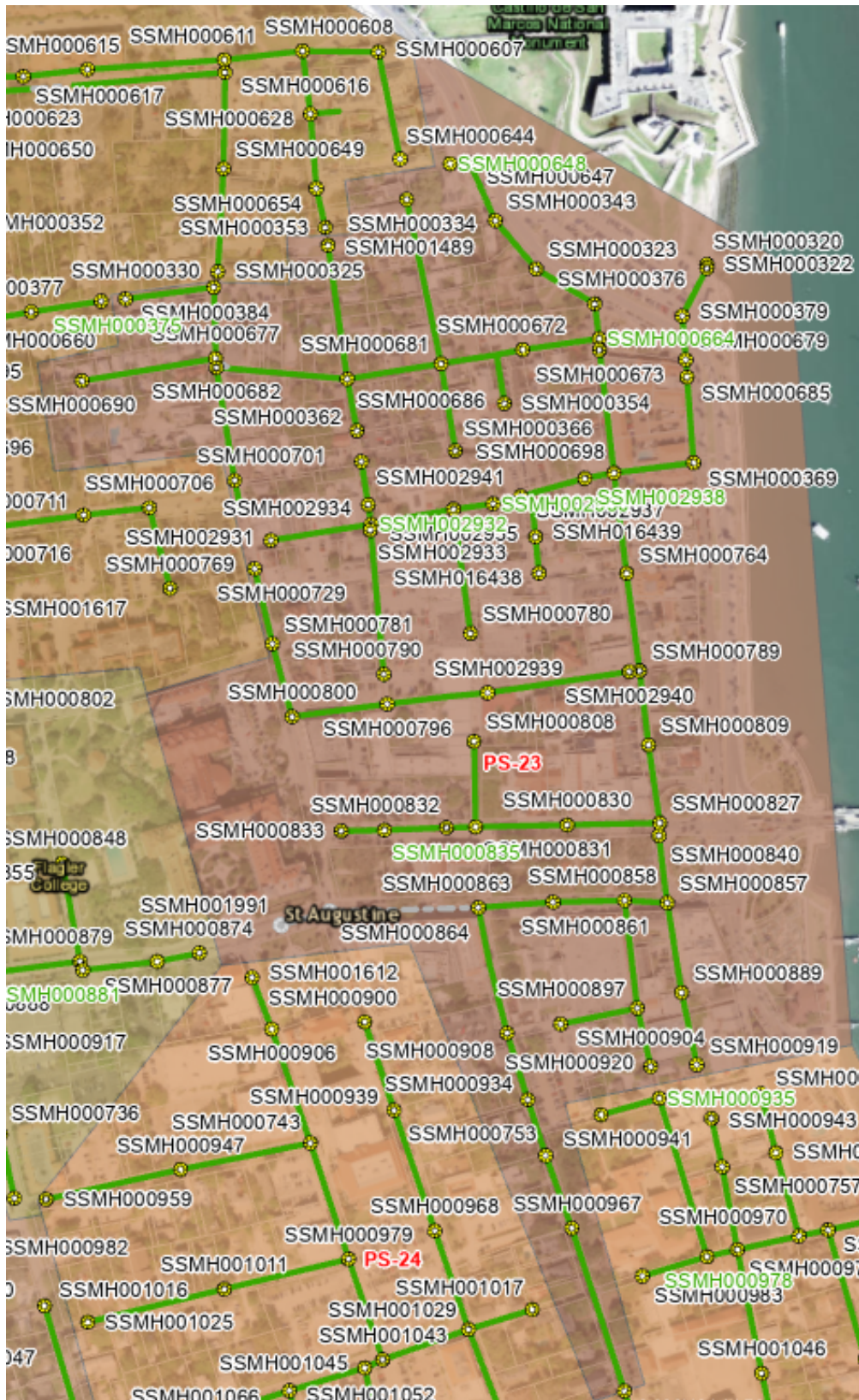
|          |                                    |    |      |
|----------|------------------------------------|----|------|
| BASIN 21 | TOTAL LENGTH OF GRAVITY SEWER MAIN | LF | 2090 |
|          | TOTAL 6-IN GRAVITY MAIN            | LF | 111  |
|          | TOTAL 8-IN GRAVITY MAIN            | LF | 1953 |
|          | TOTAL 10-IN GRAVITY MAIN           | LF | 26   |
|          | TOTAL No OF MANHOLES               | EA | 10   |
|          | TOTAL No OF LATERALS               | EA | 33   |

BASIN 22



|          |                                    |    |      |
|----------|------------------------------------|----|------|
| BASIN 22 | TOTAL LENGTH OF GRAVITY SEWER MAIN | LF | 8591 |
|          | TOTAL 6-IN GRAVITY MAIN            | LF | 537  |
|          | TOTAL 8-IN GRAVITY MAIN            | LF | 8042 |
|          | TOTAL 10-IN GRAVITY MAIN           | LF | 948  |
|          | TOTAL 12-IN GRAVITY MAIN           | LF | 12   |
|          | TOTAL No OF MANHOLES               | EA | 38   |
|          | TOTAL No OF LATERALS               | EA | 176  |

## BASIN 23



TOTAL LENGTH OF GRAVITY SEWER

|                          |    |       |
|--------------------------|----|-------|
| MAIN                     | LF | 12826 |
| TOTAL 6-IN GRAVITY MAIN  | LF | 1019  |
| TOTAL 8-IN GRAVITY MAIN  | LF | 7456  |
| TOTAL 10-IN GRAVITY MAIN | LF | 1345  |
| TOTAL 12-IN GRAVITY MAIN | LF | 3005  |
| TOTAL No OF MANHOLES     | EA | 71    |
| TOTAL No OF LATERALS     | EA | 326   |

BASIN 23



BASIN 24 CONT...



BASIN 24

|                                    |    |       |
|------------------------------------|----|-------|
| TOTAL LENGTH OF GRAVITY SEWER MAIN | LF | 25818 |
| TOTAL 6-IN GRAVITY MAIN            | LF | 845   |
| TOTAL 8-IN GRAVITY MAIN            | LF | 18226 |
| TOTAL 10-IN GRAVITY MAIN           | LF | 1424  |
| TOTAL 12-IN GRAVITY MAIN           | LF | 4366  |
| TOTAL 15-IN GRAVITY MAIN           | LF | 278   |
| TOTAL 18-IN GRAVITY MAIN           | LF | 679   |
| TOTAL No OF MANHOLES               | EA | 116   |
| TOTAL No OF LATERALS               | EA | 637   |

BASIN 29



BASIN 29

|                                    |    |      |
|------------------------------------|----|------|
| TOTAL LENGTH OF GRAVITY SEWER MAIN | LF | 1912 |
| TOTAL 6-IN GRAVITY MAIN            | LF | 38   |
| TOTAL 8-IN GRAVITY MAIN            | LF | 1874 |
| TOTAL No OF MANHOLES               | EA | 8    |
| TOTAL No OF LATERALS               | EA | 52   |

BASIN 33



|          |                               |    |      |
|----------|-------------------------------|----|------|
| BASIN 33 | TOTAL LENGTH OF GRAVITY SEWER |    |      |
|          | MAIN                          | LF | 1552 |
|          | TOTAL 8-IN GRAVITY MAIN       | LF | 1552 |
|          | TOTAL No OF MANHOLES          | EA | 8    |
|          | TOTAL No OF LATERALS          | EA | 11   |

BASIN 42 – \*INCOORPORATED IN BASIN 4

|          |                               |    |      |
|----------|-------------------------------|----|------|
| BASIN 49 | TOTAL LENGTH OF GRAVITY SEWER |    |      |
|          | MAIN                          | LF | 7715 |
|          | TOTAL 8-IN GRAVITY MAIN       | LF | 7715 |
|          | TOTAL No OF MANHOLES          | EA | 42   |
|          | TOTAL No OF LATERALS          | EA | N/A  |

BASIN 49



BASIN 50



|          |                               |    |       |
|----------|-------------------------------|----|-------|
| BASIN 50 | TOTAL LENGTH OF GRAVITY SEWER |    |       |
|          | MAIN                          | LF | 20182 |
|          | TOTAL 6-IN GRAVITY MAIN       | LF | 1589  |
|          | TOTAL 8-IN GRAVITY MAIN       | LF | 18134 |
|          | TOTAL 12-IN GRAVITY MAIN      | LF | 459   |
|          | TOTAL No OF MANHOLES          | EA | 97    |
|          | TOTAL No OF LATERALS          | EA | 393   |

[illegible]

|          |                                    |    |       |
|----------|------------------------------------|----|-------|
| BASIN 51 | TOTAL LENGTH OF GRAVITY SEWER MAIN | LF | 18518 |
|          | TOTAL 6-IN GRAVITY MAIN            | LF | 1061  |
|          | TOTAL 8-IN GRAVITY MAIN            | LF | 17458 |
|          | TOTAL No OF MANHOLES               | EA | 79    |
|          | TOTAL No OF LATERALS               | EA | 335   |

BASIN 52



|          |                               |    |       |
|----------|-------------------------------|----|-------|
| BASIN 52 | TOTAL LENGTH OF GRAVITY SEWER |    |       |
|          | MAIN                          | LF | 21997 |
|          | TOTAL 6-IN GRAVITY MAIN       | LF | 2465  |
|          | TOTAL 8-IN GRAVITY MAIN       | LF | 16431 |
|          | TOTAL 10-IN GRAVITY MAIN      | LF | 2376  |
|          | TOTAL 12-IN GRAVITY MAIN      | LF | 725   |
|          | TOTAL No OF MANHOLES          | EA | 96    |
|          | TOTAL No OF LATERALS          | EA | 416   |

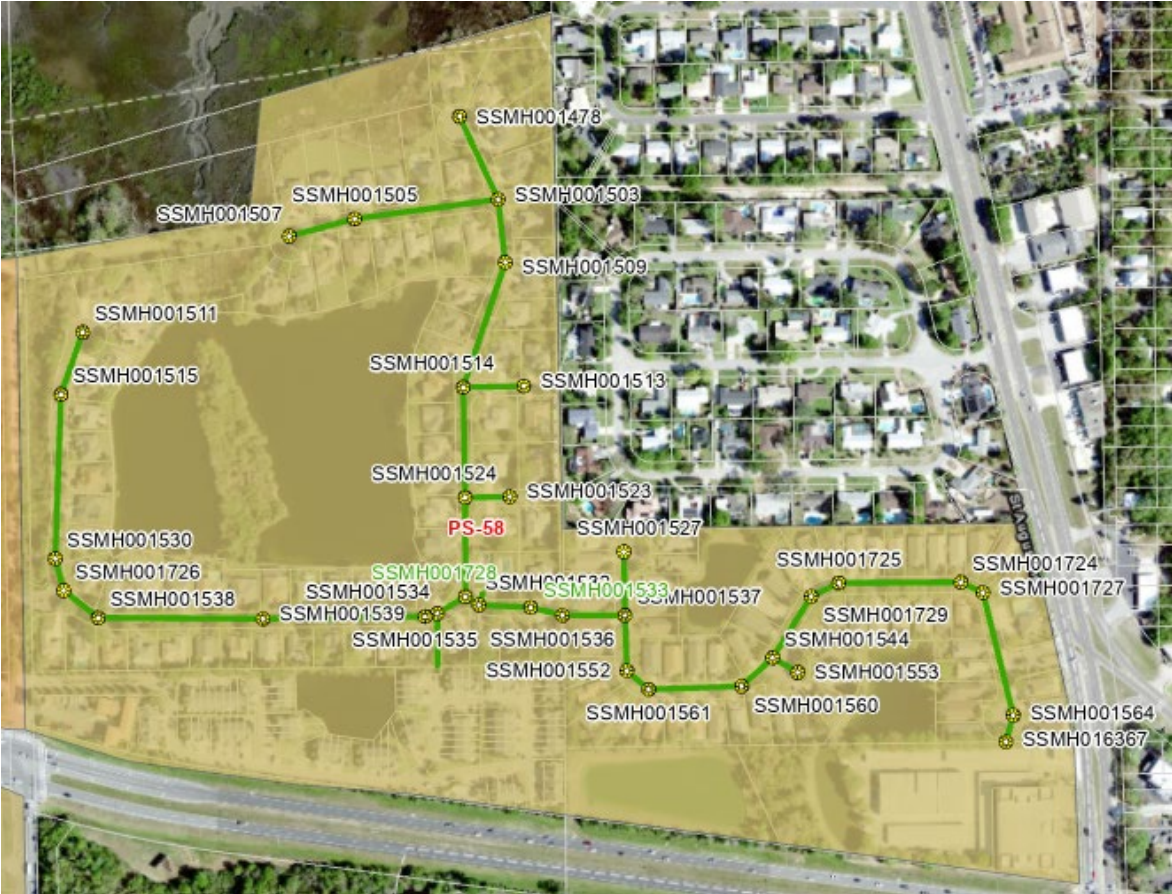


BASIN 56



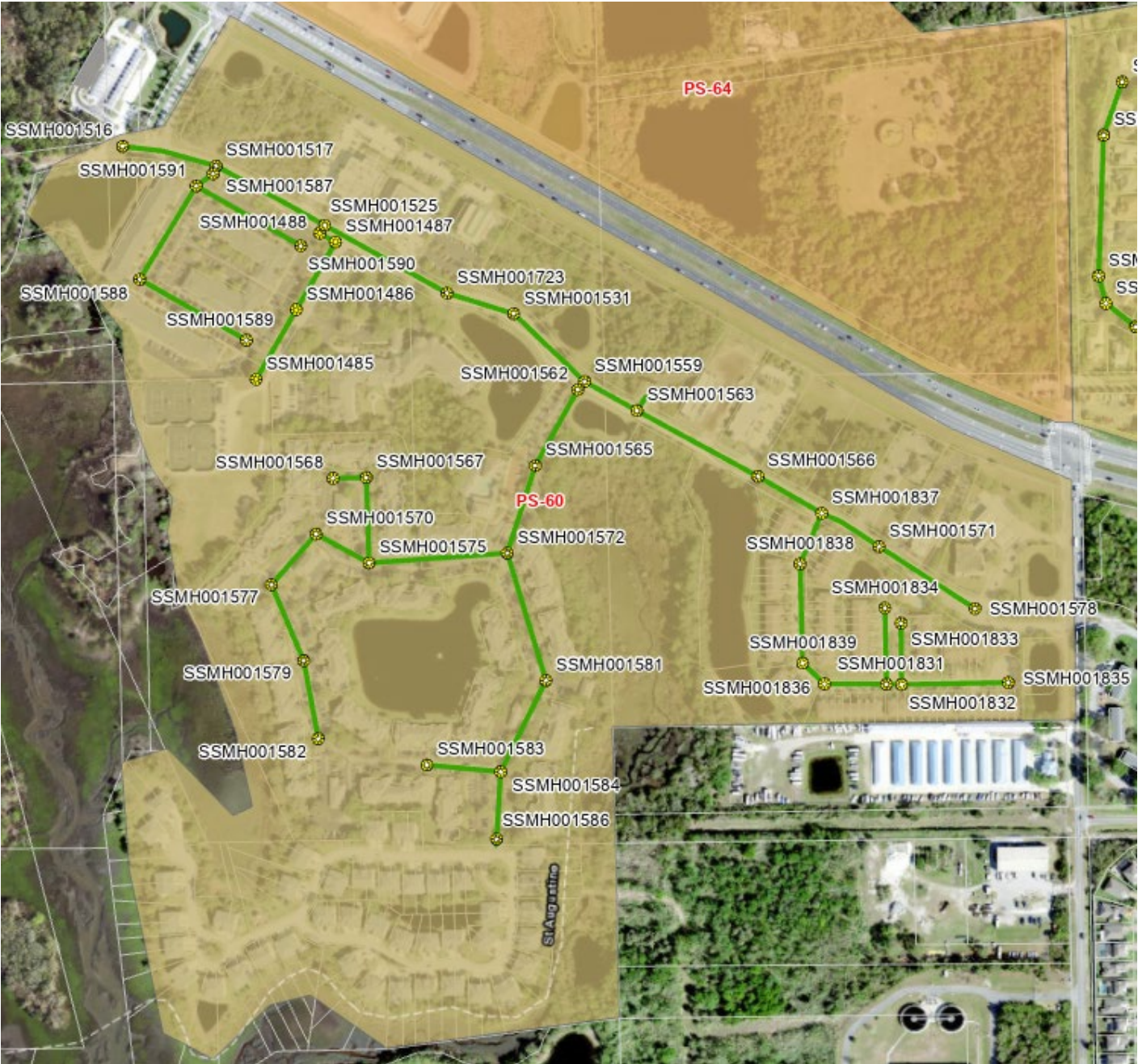
|          |                                    |    |      |
|----------|------------------------------------|----|------|
| BASIN 56 | TOTAL LENGTH OF GRAVITY SEWER MAIN | LF | 2636 |
|          | TOTAL 8-IN GRAVITY MAIN            | LF | 2589 |
|          | TOTAL 12-IN GRAVITY MAIN           | LF | 47   |
|          | TOTAL No OF MANHOLES               | EA | 16   |
|          | TOTAL No OF LATERALS               | EA | 61   |

BASIN 58



|          |                                    |    |      |
|----------|------------------------------------|----|------|
| BASIN 58 | TOTAL LENGTH OF GRAVITY SEWER MAIN | LF | 5965 |
|          | TOTAL 8-IN GRAVITY MAIN            | LF | 5965 |
|          | TOTAL No OF MANHOLES               | EA | 34   |
|          | TOTAL No OF LATERALS               | EA | N/A  |
|          |                                    |    |      |

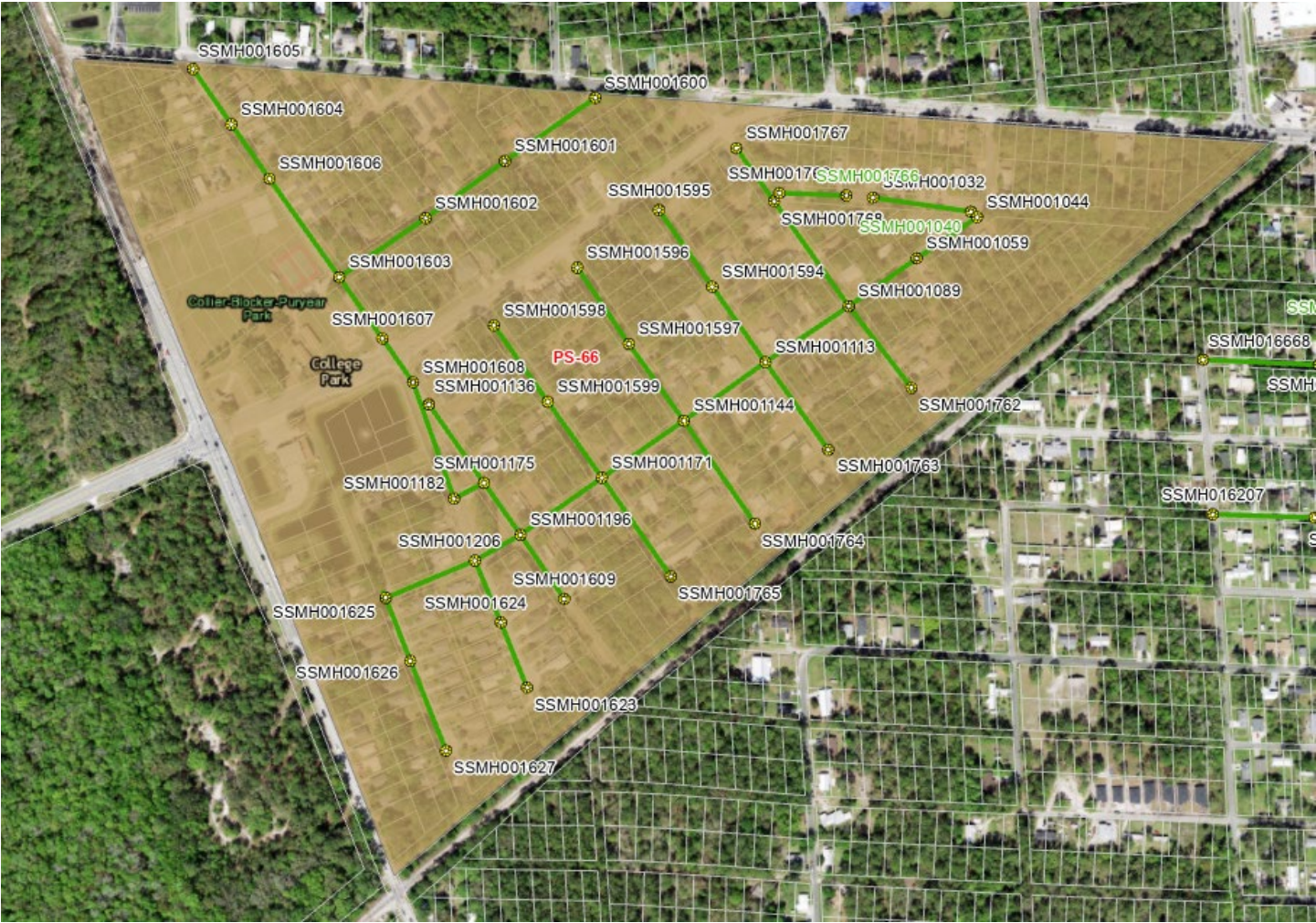
BASIN 60



|          |                               |    |      |
|----------|-------------------------------|----|------|
| BASIN 60 | TOTAL LENGTH OF GRAVITY SEWER |    |      |
|          | MAIN                          | LF | 9237 |
|          | TOTAL 6-IN GRAVITY MAIN       | LF | 114  |
|          | TOTAL 8-IN GRAVITY MAIN       | LF | 9122 |
|          | TOTAL No OF MANHOLES          | EA | 42   |
|          | TOTAL No OF LATERALS          | EA | 66   |



BASIN 66



|               |                               |    |       |
|---------------|-------------------------------|----|-------|
| ↑<br>BASIN 66 | TOTAL LENGTH OF GRAVITY SEWER |    |       |
|               | MAIN                          | LF | 10494 |
|               | TOTAL 8-IN GRAVITY MAIN       | LF | 10494 |
|               | TOTAL No OF MANHOLES          | EA | 42    |
|               | TOTAL No OF LATERALS          | EA | 274   |

|               |                               |    |      |
|---------------|-------------------------------|----|------|
| ↓<br>BASIN 84 | TOTAL LENGTH OF GRAVITY SEWER |    |      |
|               | MAIN                          | LF | 2154 |
|               | TOTAL 8-IN GRAVITY MAIN       | LF | 2154 |
|               | TOTAL No OF MANHOLES          | EA | 15   |
|               | TOTAL No OF LATERALS          | EA | 64   |

BASIN 84

