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## **Appendix D**

### **Proposed Conditions Flood Analysis**



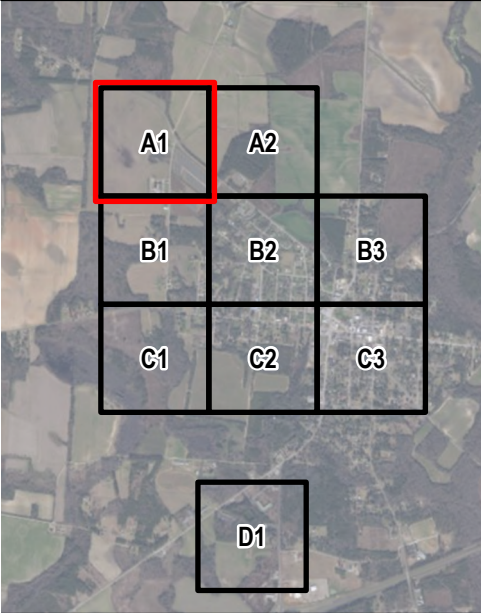
Town of Summerton | SC Office of Resilience  
Hydrologic and Hydraulic Study

Proposed Conditions Flood Analysis  
Rainfall: 2-Year SCS Type II (3.59")

Appendix D.1

Sector A1

Page 1 of 9



- NOTES:
- 1. Study area encompassed by Census Tract 9608.01.
  - 2. Background 2020 aerial imagery collected by Kucera International. Imagery is managed by Adam DeMars, South Carolina State GIS Coordinator and hosted by ESRI.

Legend

- Study Boundary

Roadway

Outfall

Proposed Detention Basin

Inlet/Manhole/End of Pipe Existing

Inlet/Manhole/End of Pipe Proposed
- Pipe/Drainage Ditch Existing

Pipe/Drainage Ditch Proposed

Maximum Flood Depth

> 3.00 ft

0.10 ft





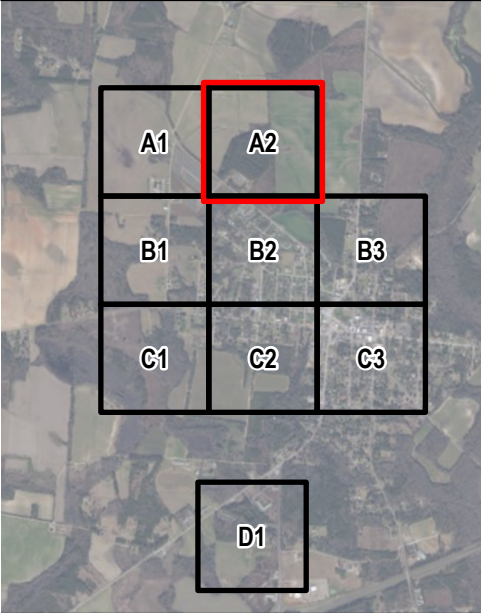
Town of Summerton | SC Office of Resilience  
Hydrologic and Hydraulic Study

Proposed Conditions Flood Analysis  
Rainfall: 2-Year SCS Type II (3.59")

Appendix D.1

Sector A2

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- NOTES:
- 1. Study area encompassed by Census Tract 9608.01.
  - 2. Background 2020 aerial imagery collected by Kucera International. Imagery is managed by Adam DeMars, South Carolina State GIS Coordinator and hosted by ESRI.

Legend

- Study Boundary

Roadway

Outfall

Proposed Detention Basin

Inlet/Manhole/End of Pipe

Existing

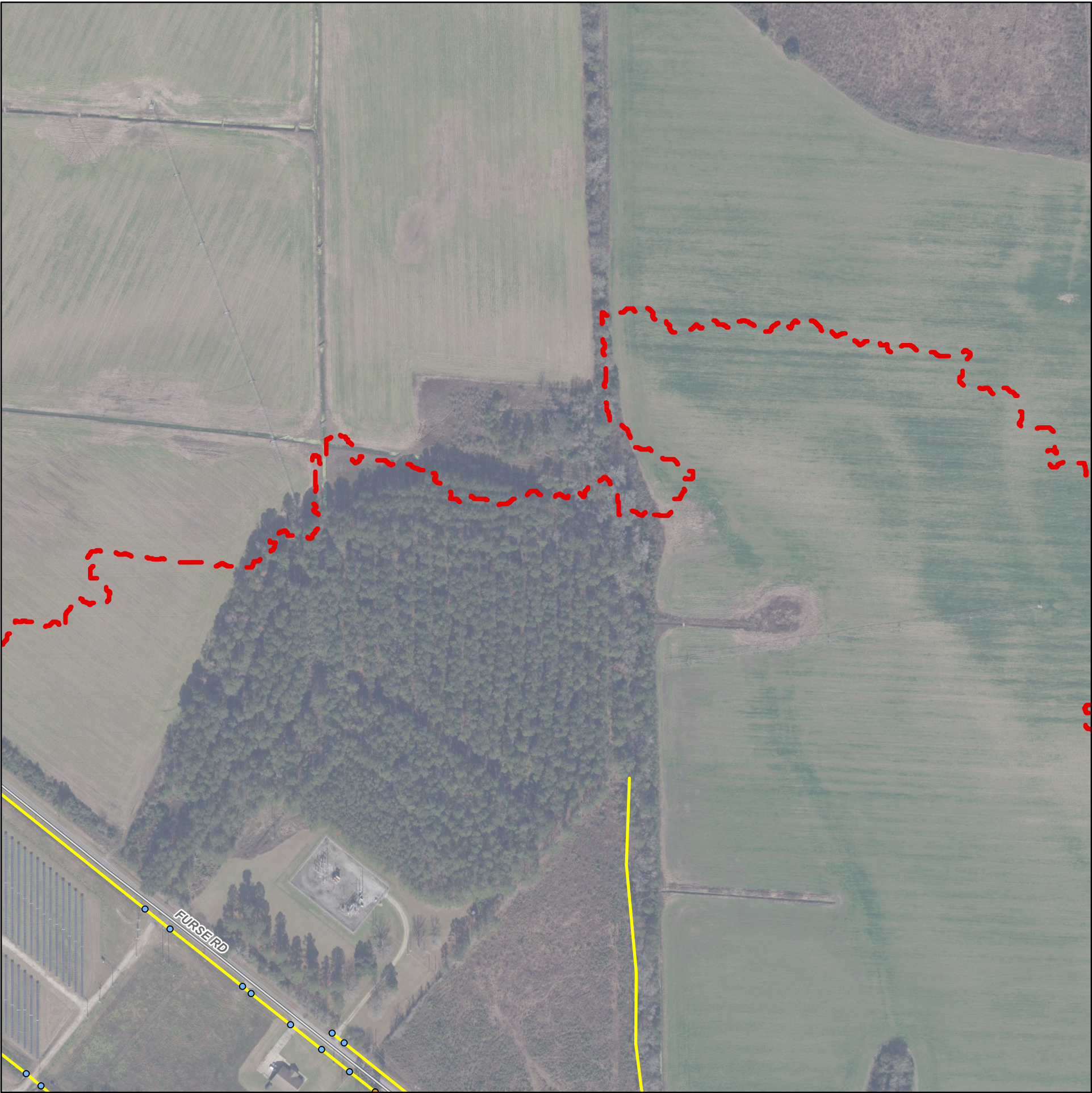
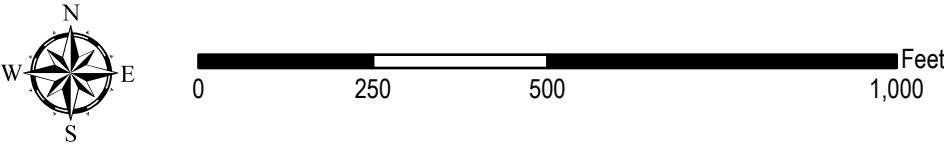
Proposed
- Pipe/Drainage Ditch Existing

Proposed

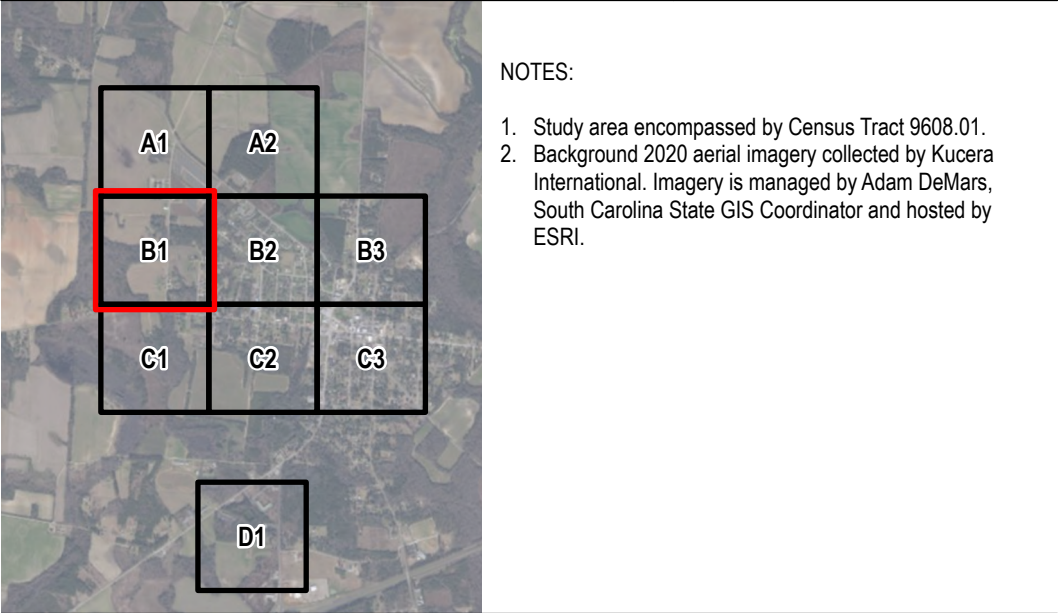
Maximum Flood Depth

> 3.00 ft

0.10 ft







### Legend

Study Boundary

Roadway

Outfall

Proposed Detention Basin

Inlet/Manhole/End of Pipe

Existing

Proposed

Pipe/Drainage Ditch

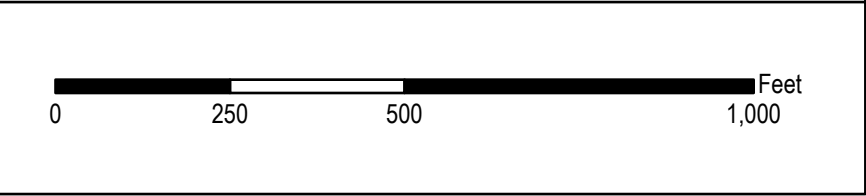
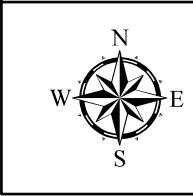
Existing

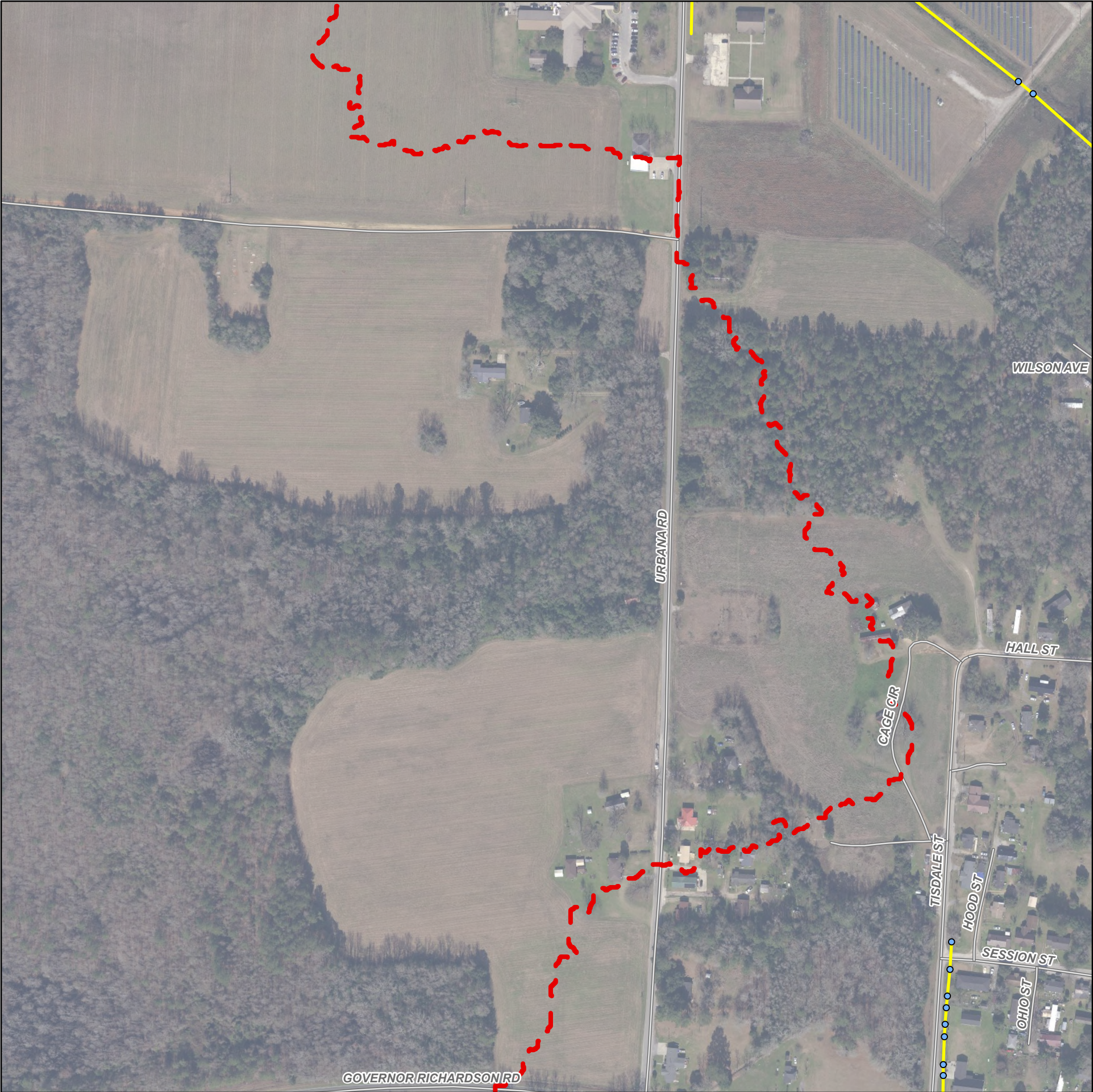
Proposed

Maximum Flood Depth

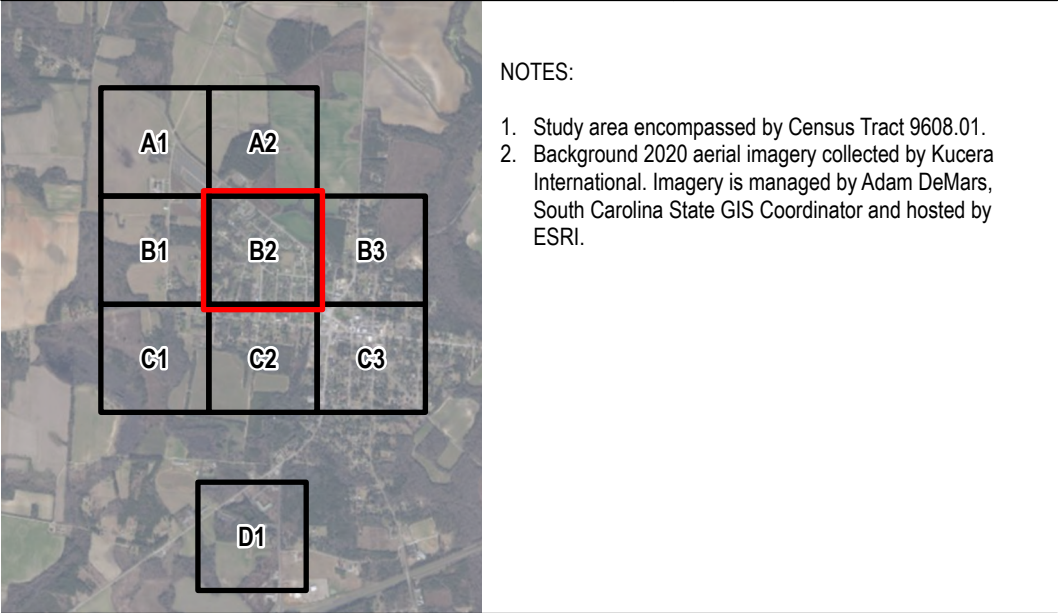
> 3.00 ft

0.10 ft









Legend

Study Boundary

Roadway

Outfall

Proposed Detention Basin

Inlet/Manhole/End of Pipe

Existing

Proposed

Pipe/Drainage Ditch

Existing

Proposed

Maximum Flood Depth

> 3.00 ft

0.10 ft

0

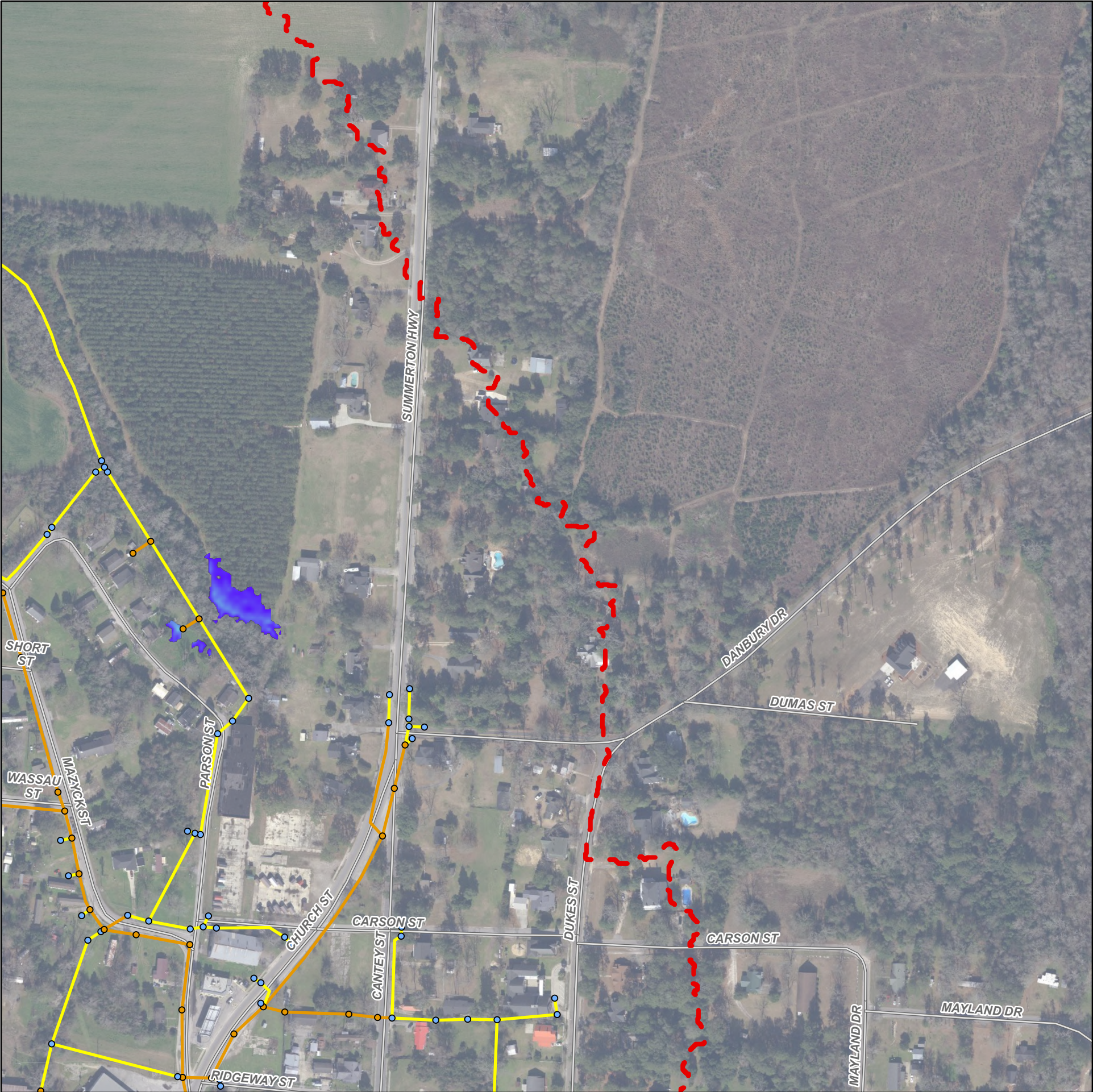
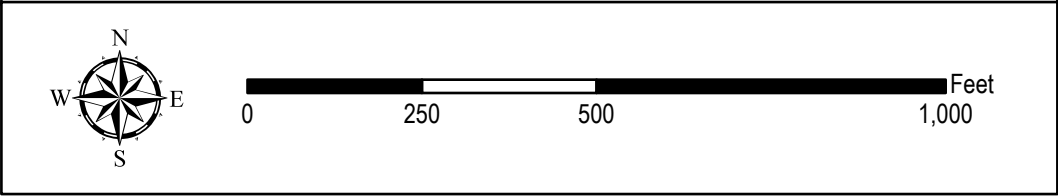
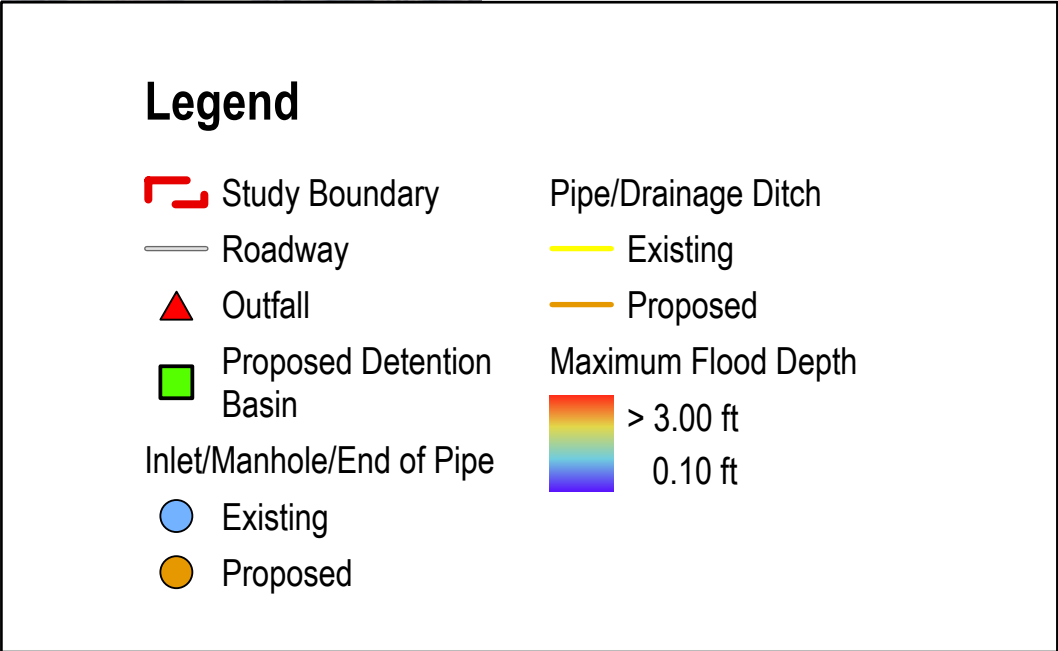
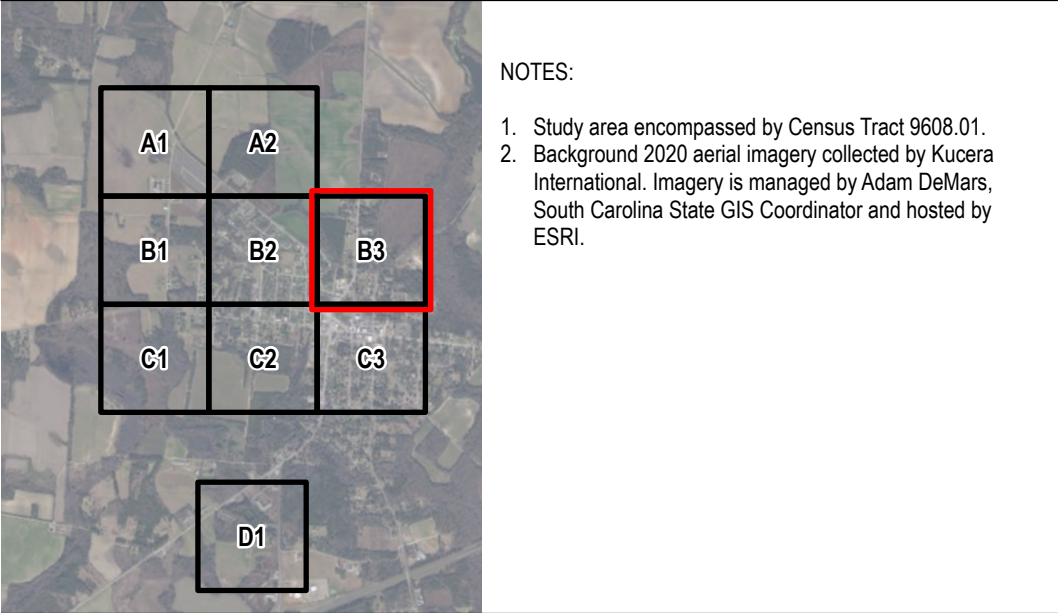
250

500

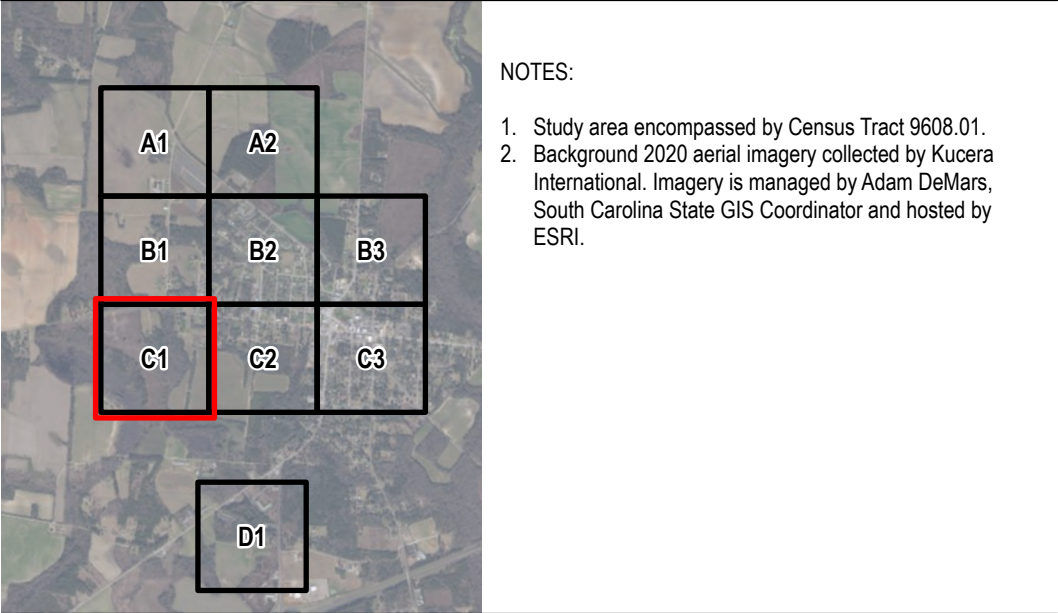
1,000

Feet









Legend

Study Boundary

Roadway

Outfall

Proposed Detention Basin

Existing

Proposed

Pipe/Drainage Ditch

Existing

Proposed

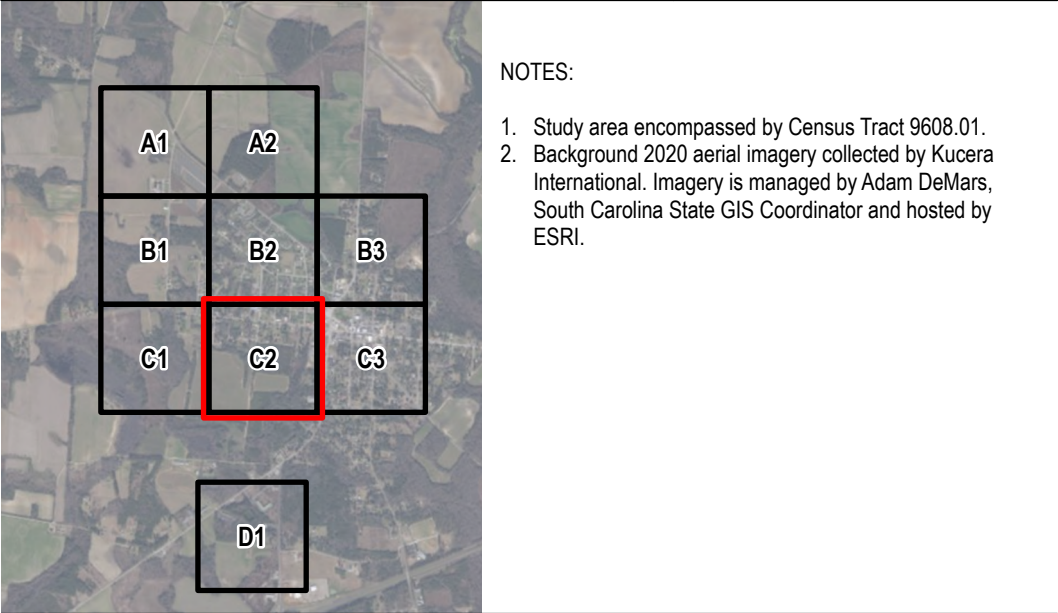
Maximum Flood Depth

> 3.00 ft

0.10 ft

Inlet/Manhole/End of Pipe





### Legend

Study Boundary

Roadway

Outfall

Proposed Detention Basin

Inlet/Manhole/End of Pipe

Existing

Proposed

Pipe/Drainage Ditch

Existing

Proposed

Maximum Flood Depth

> 3.00 ft  
0.10 ft

0

250

500

1,000

Feet

The main map is an aerial photograph of a residential and undeveloped area. A red dashed line outlines the study boundary. A network of yellow and orange lines represents existing and proposed pipes or drainage ditches. Blue and orange circles mark existing and proposed inlets/manholes. A color-coded overlay indicates maximum flood depth, with blue representing 0.10 ft and transitioning through green and yellow to red for depths greater than 3.00 ft. The highest flood depths are concentrated in a central area near the intersection of Oliver St and Governor Richardson Rd. Street names labeled include Oliver St, Homer Dr, Roosevelt Dr, Session St, 4th St, Frierson St, Hope St, Tripp St, 1st St, Hill St, Tenor Ln, Church St, and Governor Richardson Rd. Larry King Jr Hwy is also shown.



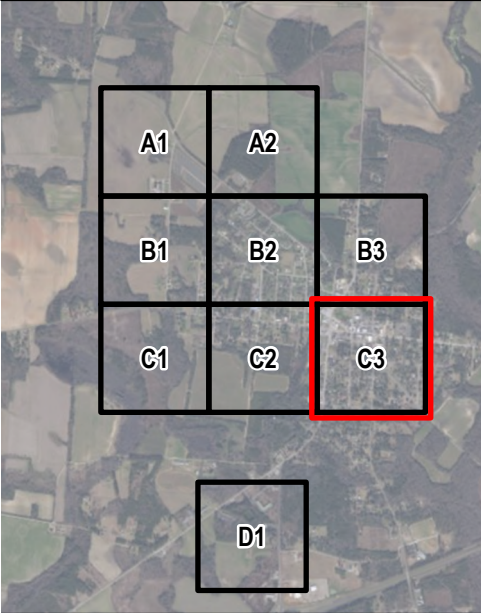
Town of Summerton | SC Office of Resilience  
Hydrologic and Hydraulic Study

Proposed Conditions Flood Analysis  
Rainfall: 2-Year SCS Type II (3.59")

Appendix D.1

Sector C3

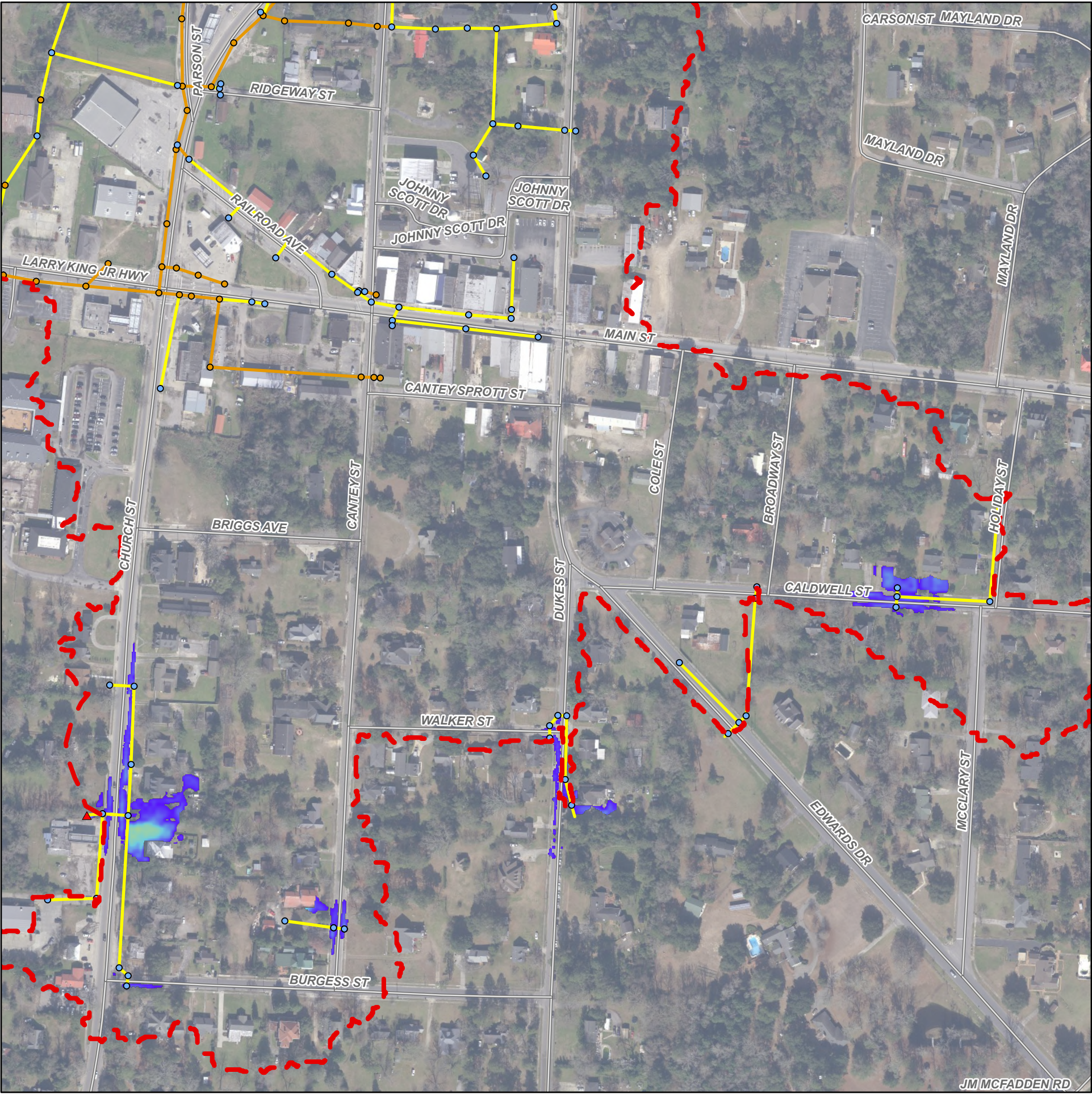
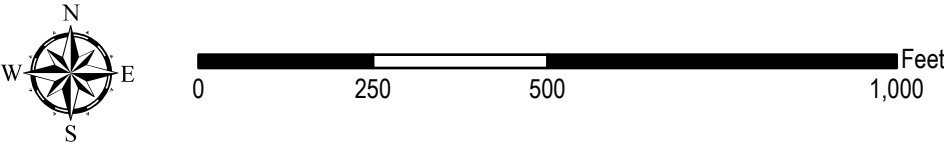
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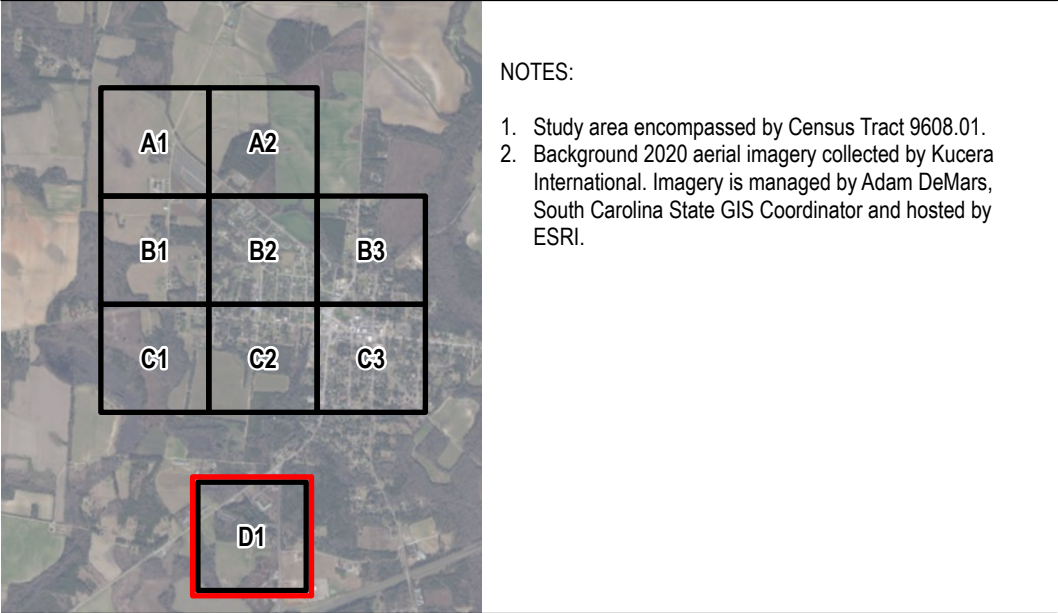
- NOTES:
- 1. Study area encompassed by Census Tract 9608.01.
  - 2. Background 2020 aerial imagery collected by Kucera International. Imagery is managed by Adam DeMars, South Carolina State GIS Coordinator and hosted by ESRI.

Legend

- |                                    |                                    |
|------------------------------------|------------------------------------|
| Study Boundary                     | Pipe/Drainage Ditch Existing       |
| Roadway                            | Pipe/Drainage Ditch Proposed       |
| Outfall                            | Maximum Flood Depth                |
| Proposed Detention Basin           |                                    |
| Inlet/Manhole/End of Pipe Existing | Inlet/Manhole/End of Pipe Proposed |







### Legend

Study Boundary

Roadway

Outfall

Proposed Detention Basin

Inlet/Manhole/End of Pipe Existing

Inlet/Manhole/End of Pipe Proposed

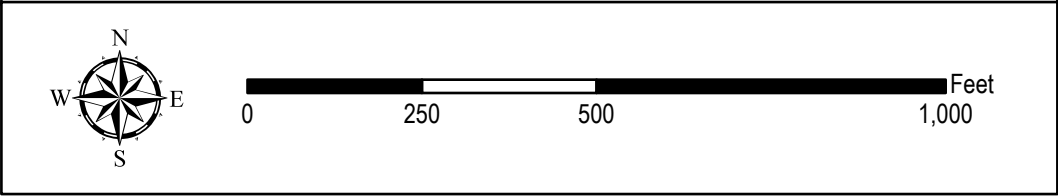
Pipe/Drainage Ditch Existing

Pipe/Drainage Ditch Proposed

Maximum Flood Depth

> 3.00 ft

0.10 ft





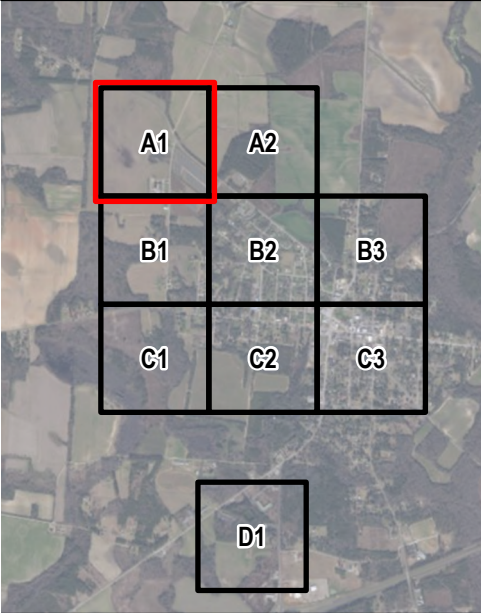
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Hydrologic and Hydraulic Study

Proposed Conditions Flood Analysis  
Rainfall: 10-Year SCS Type II (5.48")

Appendix D.2

Sector A1

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- NOTES:
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Legend

- Study Boundary

Roadway

Outfall

Proposed Detention Basin

Inlet/Manhole/End of Pipe Existing

Inlet/Manhole/End of Pipe Proposed
- Pipe/Drainage Ditch Existing

Pipe/Drainage Ditch Proposed

**Maximum Flood Depth**

> 3.00 ft

0.10 ft





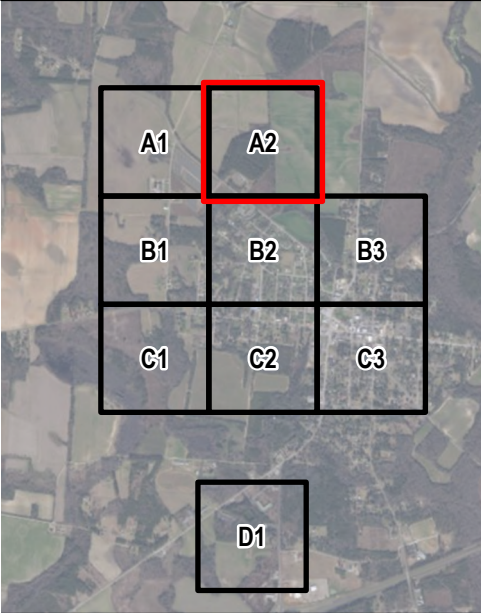
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Hydrologic and Hydraulic Study

Proposed Conditions Flood Analysis  
Rainfall: 10-Year SCS Type II (5.48")

Appendix D.2

Sector A2

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- NOTES:
- 1. Study area encompassed by Census Tract 9608.01.
  - 2. Background 2020 aerial imagery collected by Kucera International. Imagery is managed by Adam DeMars, South Carolina State GIS Coordinator and hosted by ESRI.

Legend

- Study Boundary

Roadway

Outfall

Proposed Detention Basin

Inlet/Manhole/End of Pipe

Existing

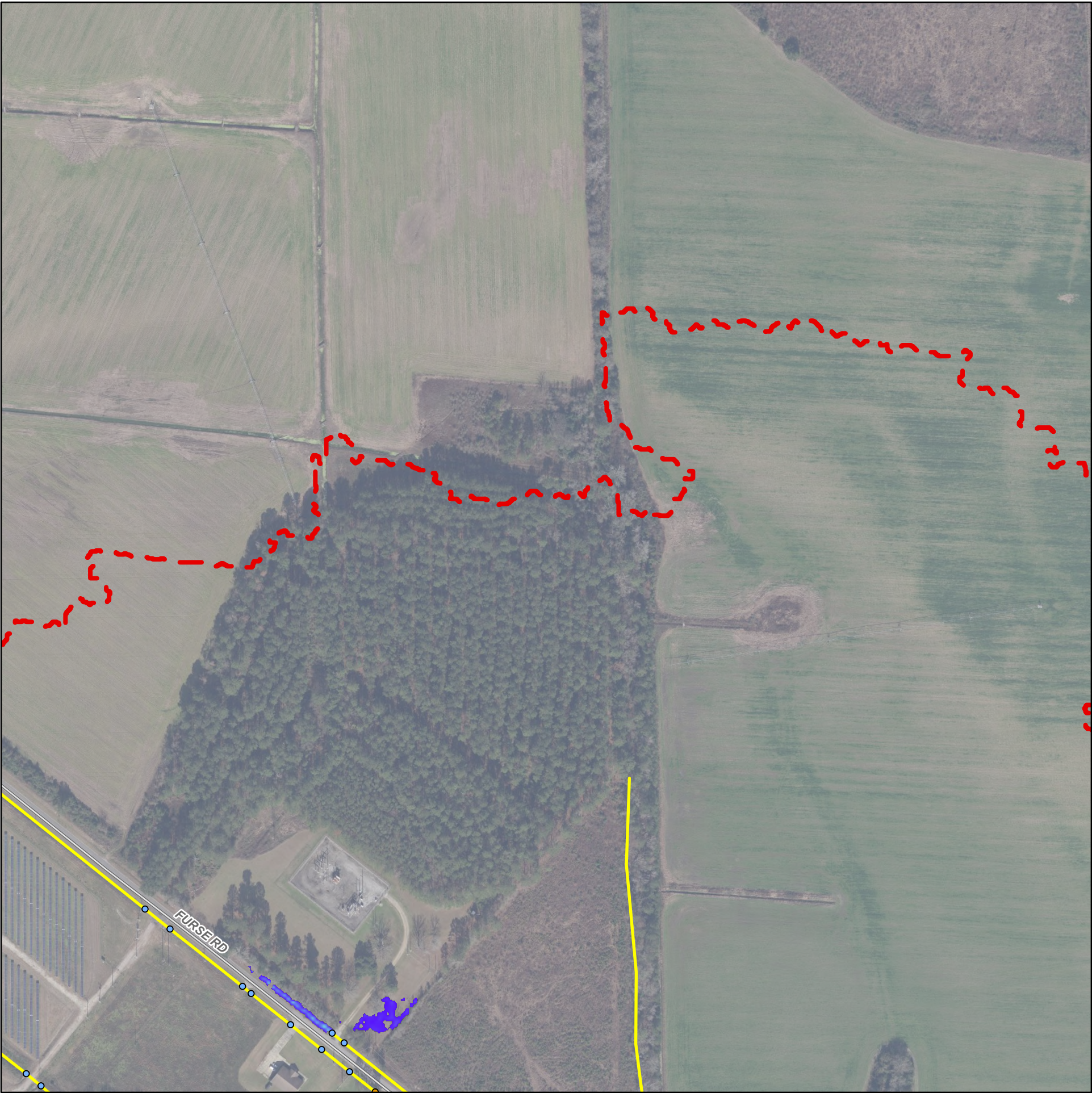
Proposed
- Pipe/Drainage Ditch Existing

Proposed

Maximum Flood Depth

> 3.00 ft

0.10 ft





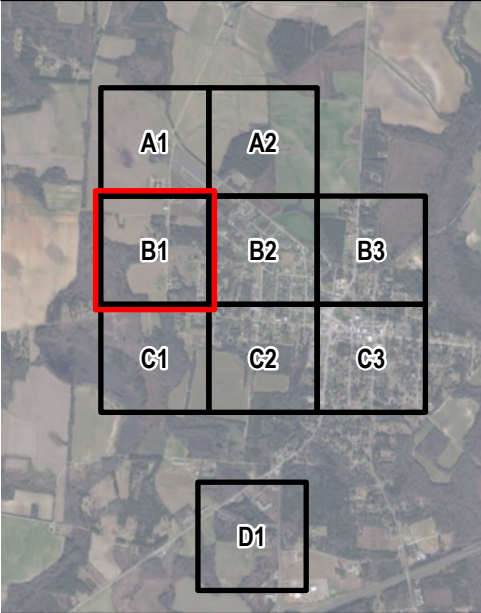
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Hydrologic and Hydraulic Study

Proposed Conditions Flood Analysis  
Rainfall: 10-Year SCS Type II (5.48")

Appendix D.2

Sector B1

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- NOTES:
- 1. Study area encompassed by Census Tract 9608.01.
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Legend

- Study Boundary

Roadway

Outfall

Proposed Detention Basin

Inlet/Manhole/End of Pipe Existing

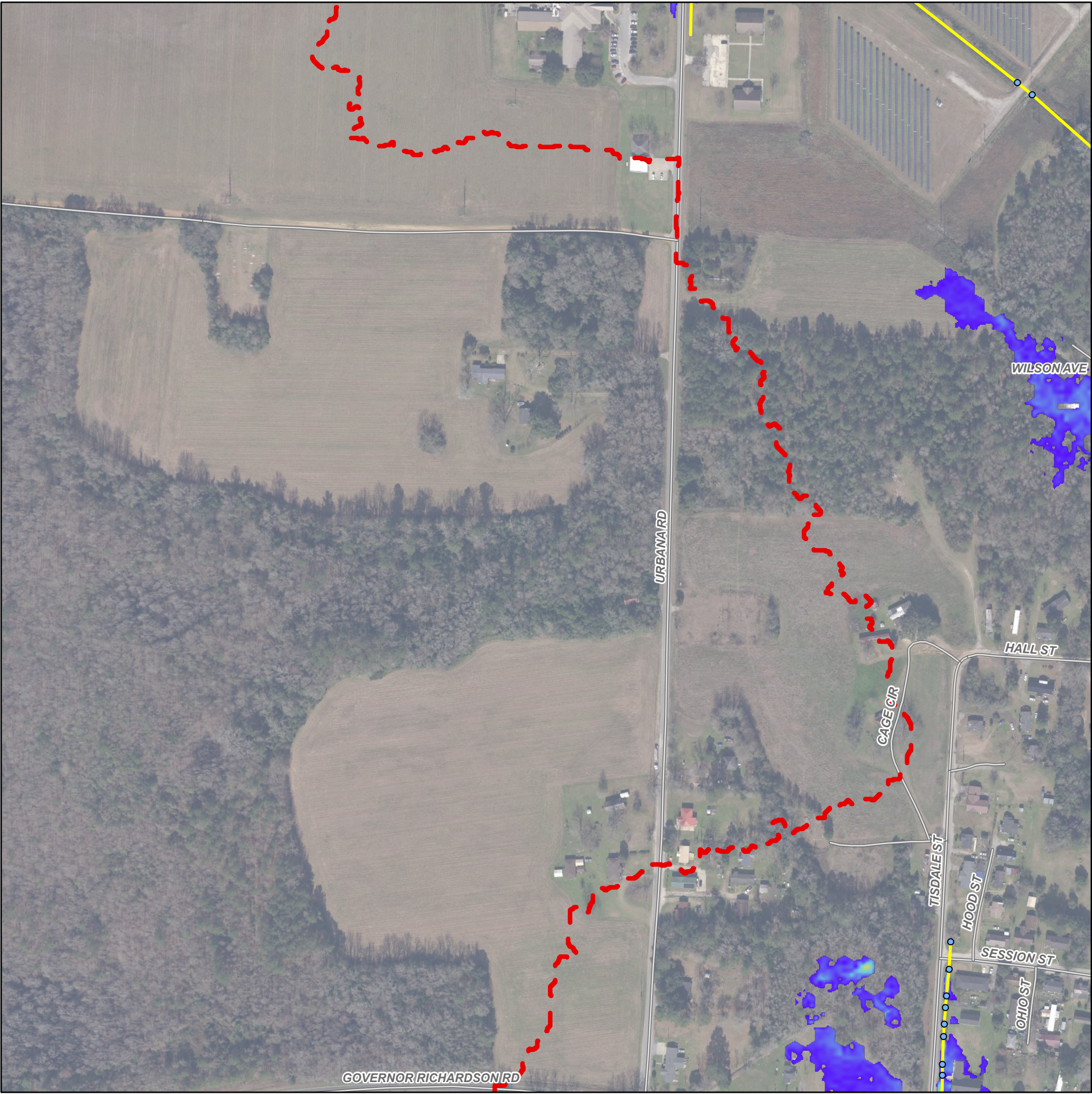
Inlet/Manhole/End of Pipe Proposed
- Pipe/Drainage Ditch Existing

Pipe/Drainage Ditch Proposed

**Maximum Flood Depth**

> 3.00 ft

0.10 ft





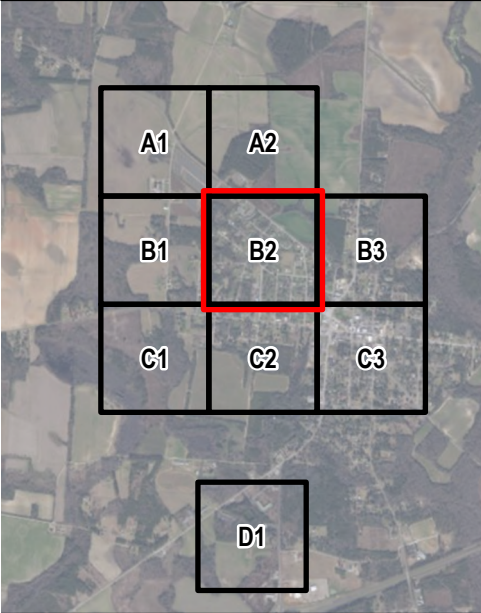
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Hydrologic and Hydraulic Study

Proposed Conditions Flood Analysis  
Rainfall: 10-Year SCS Type II (5.48")

Appendix D.2

Sector B2

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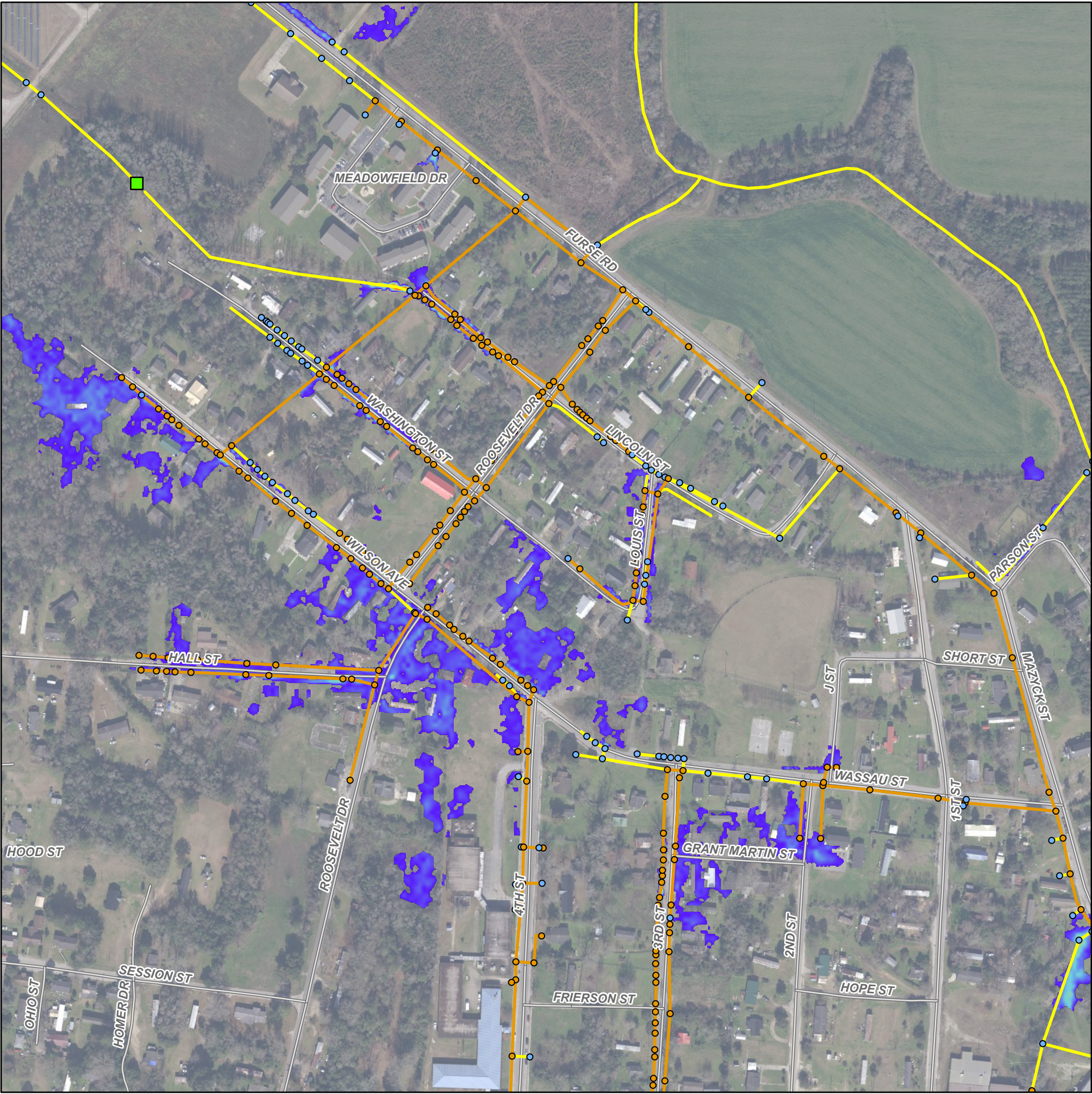
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Legend

- |                                    |                              |
|------------------------------------|------------------------------|
| Study Boundary                     | Pipe/Drainage Ditch Existing |
| Roadway                            | Proposed                     |
| Outfall                            | Maximum Flood Depth          |
| Proposed Detention Basin           | > 3.00 ft                    |
| Inlet/Manhole/End of Pipe Existing | 0.10 ft                      |
| Proposed                           |                              |



0 250 500 1,000 Feet





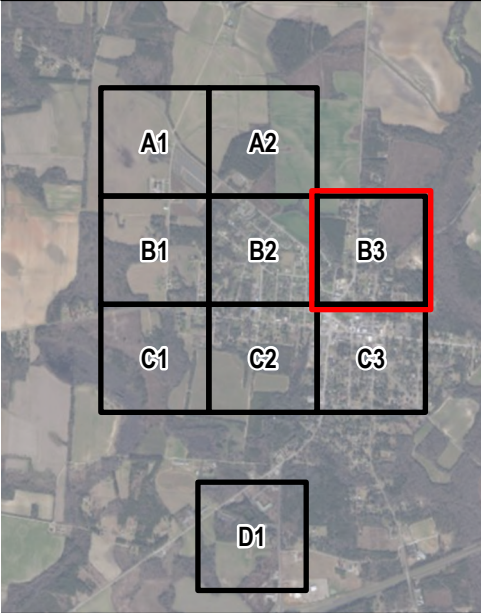
Town of Summerton | SC Office of Resilience  
Hydrologic and Hydraulic Study

Proposed Conditions Flood Analysis  
Rainfall: 10-Year SCS Type II (5.48")

Appendix D.2

Sector B3

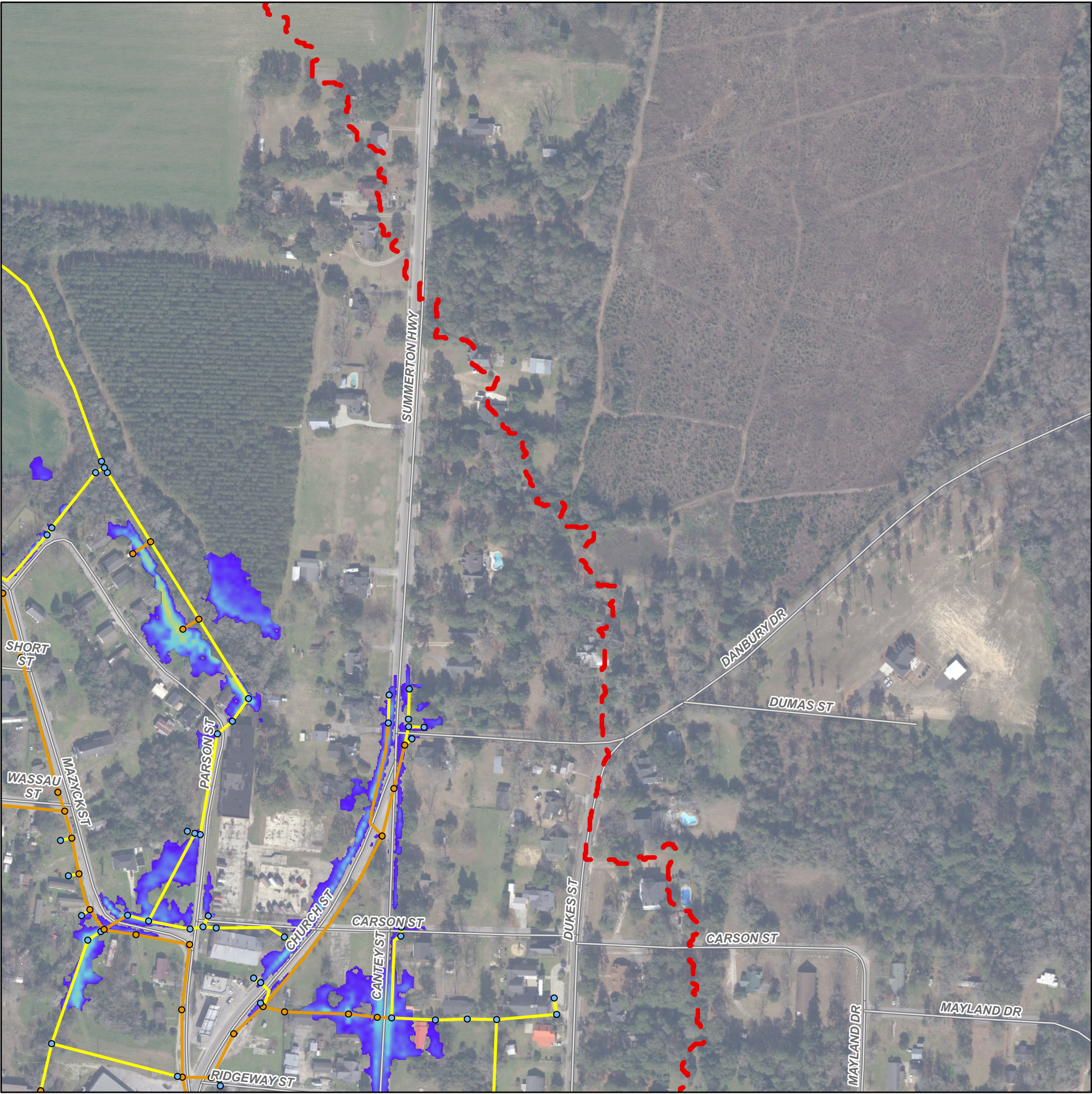
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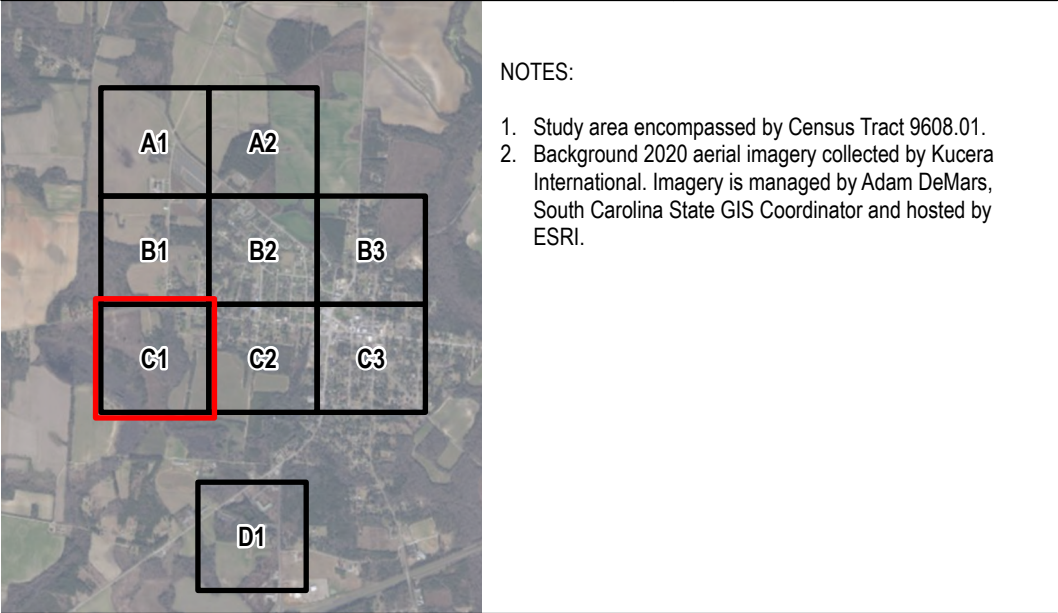
- NOTES:
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Legend

- Study Boundary
- Roadway
- Outfall
- Proposed Detention Basin
- Inlet/Manhole/End of Pipe Existing
- Inlet/Manhole/End of Pipe Proposed
- Pipe/Drainage Ditch Existing
- Pipe/Drainage Ditch Proposed
- Maximum Flood Depth
  - > 3.00 ft
  - 0.10 ft







### Legend

Study Boundary

Roadway

Outfall

Proposed Detention Basin

Inlet/Manhole/End of Pipe

Existing

Proposed

Pipe/Drainage Ditch

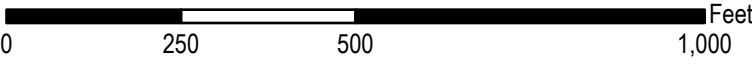

Existing

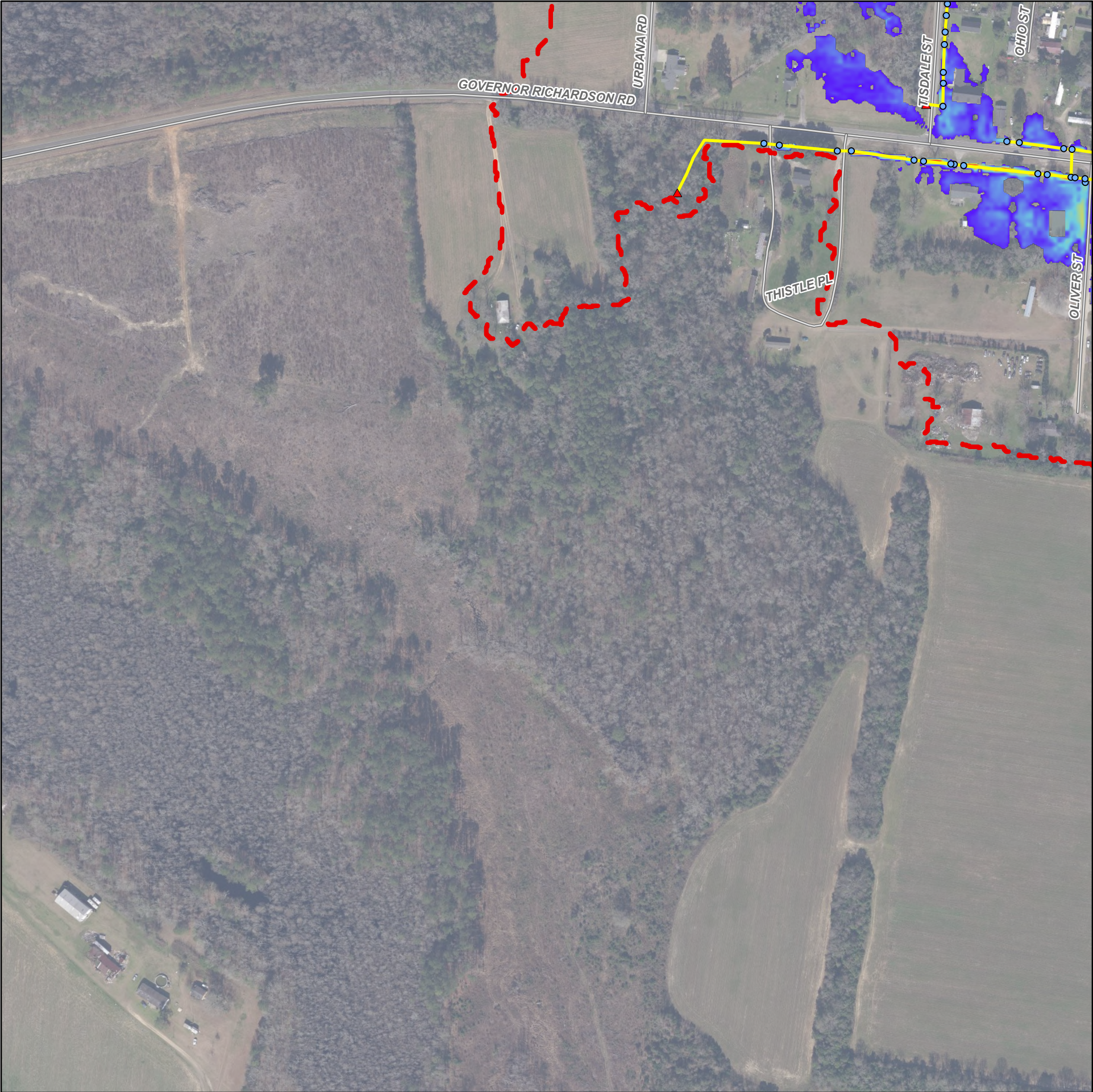
Proposed

Maximum Flood Depth

> 3.00 ft

0.10 ft







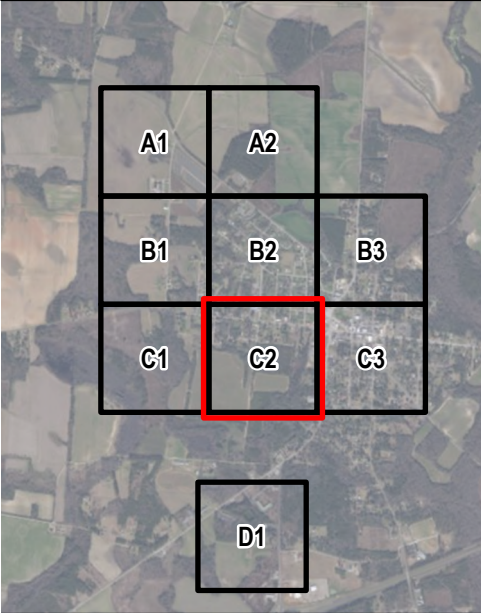
Town of Summerton | SC Office of Resilience  
Hydrologic and Hydraulic Study

Proposed Conditions Flood Analysis  
Rainfall: 10-Year SCS Type II (5.48")

Appendix D.2

Sector C2

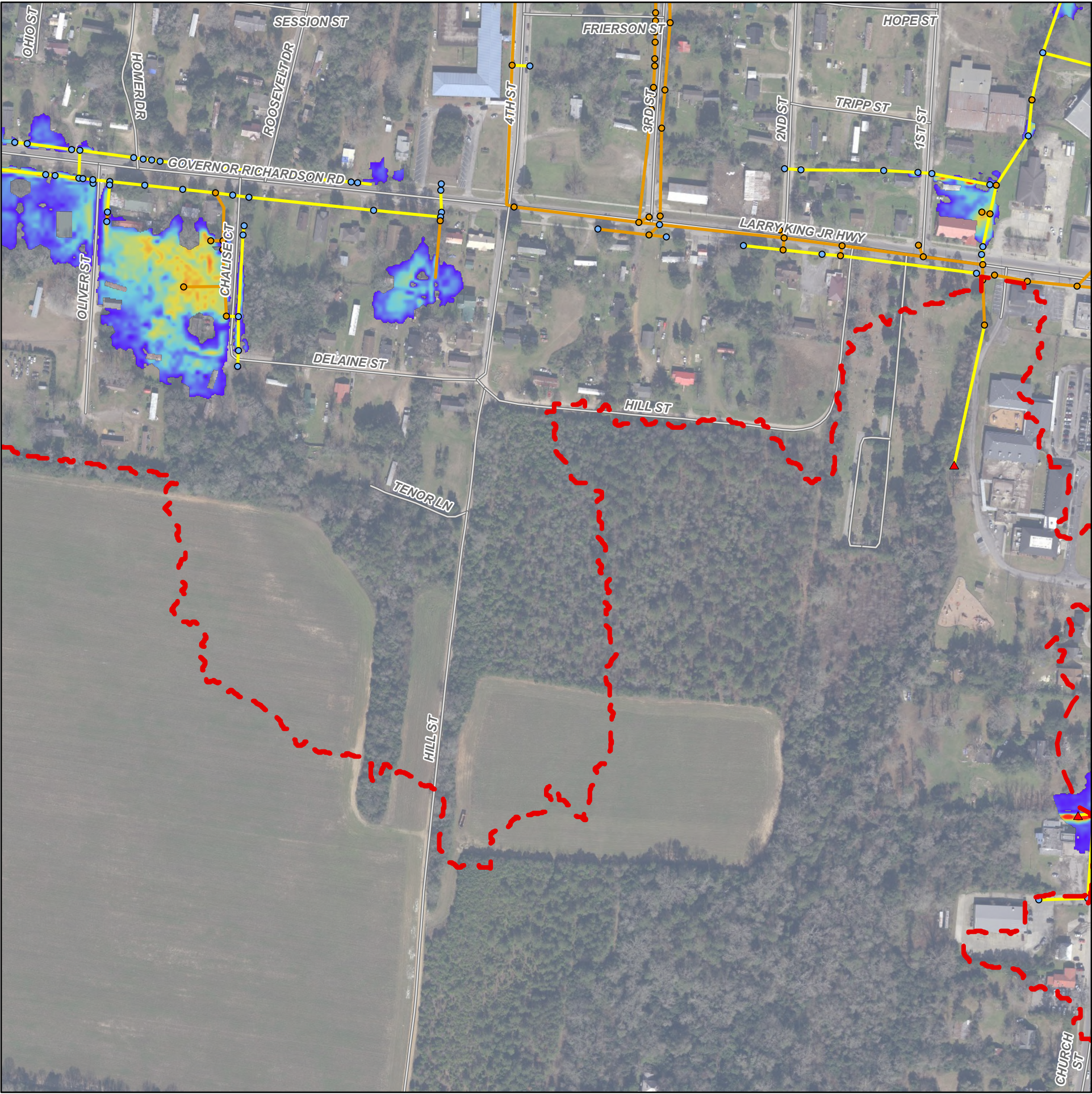
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- NOTES:
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Legend

- |                                    |                              |
|------------------------------------|------------------------------|
| Study Boundary                     | Pipe/Drainage Ditch Existing |
| Roadway                            | Pipe/Drainage Ditch Proposed |
| Outfall                            | Maximum Flood Depth          |
| Proposed Detention Basin           | Maximum Flood Depth          |
| Inlet/Manhole/End of Pipe Existing | Maximum Flood Depth          |
| Inlet/Manhole/End of Pipe Proposed | Maximum Flood Depth          |





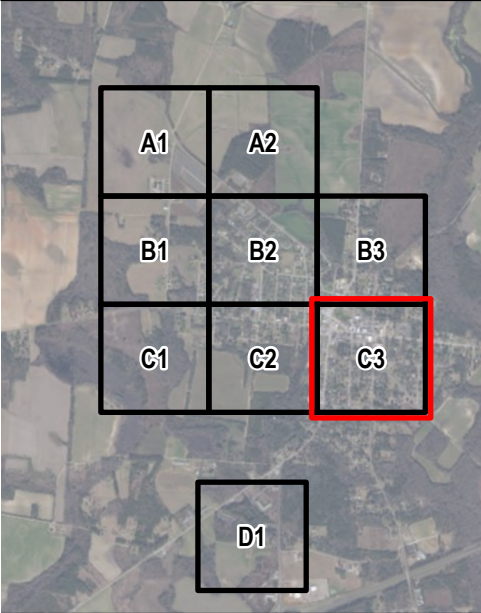
Town of Summerton | SC Office of Resilience  
Hydrologic and Hydraulic Study

Proposed Conditions Flood Analysis  
Rainfall: 10-Year SCS Type II (5.48")

Appendix D.2

Sector C3

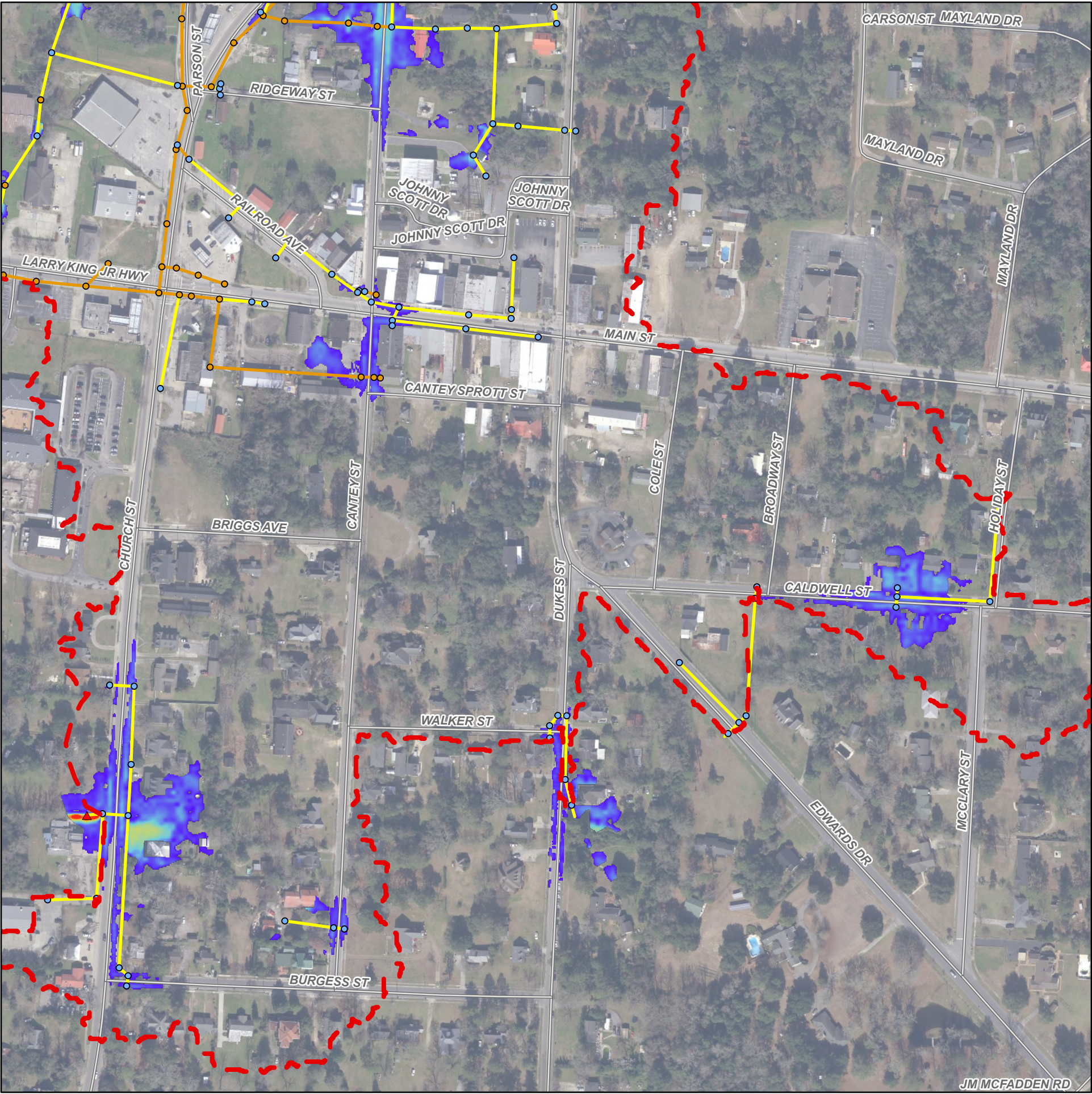
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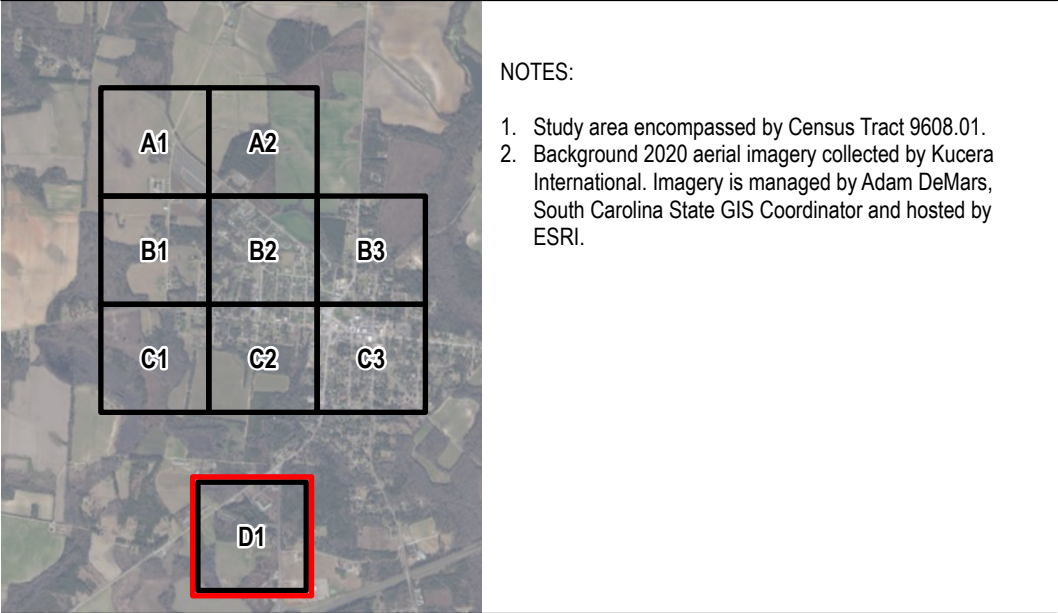
- NOTES:
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Legend

- |                                    |                              |
|------------------------------------|------------------------------|
| Study Boundary                     | Pipe/Drainage Ditch Existing |
| Roadway                            | Pipe/Drainage Ditch Proposed |
| Outfall                            | Maximum Flood Depth          |
| Proposed Detention Basin           |                              |
| Inlet/Manhole/End of Pipe Existing | > 3.00 ft                    |
| Inlet/Manhole/End of Pipe Proposed | 0.10 ft                      |







### Legend

Study Boundary

Roadway

Outfall

Proposed Detention Basin

Inlet/Manhole/End of Pipe Existing

Inlet/Manhole/End of Pipe Proposed

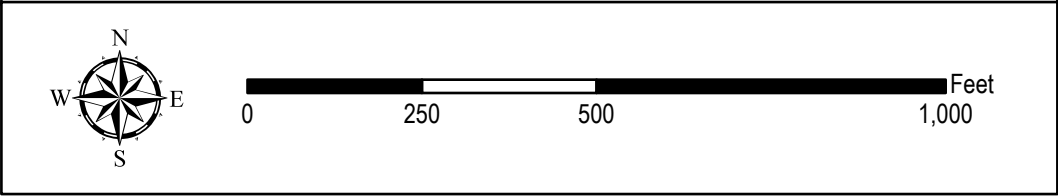
Pipe/Drainage Ditch Existing

Pipe/Drainage Ditch Proposed

Maximum Flood Depth

> 3.00 ft

0.10 ft





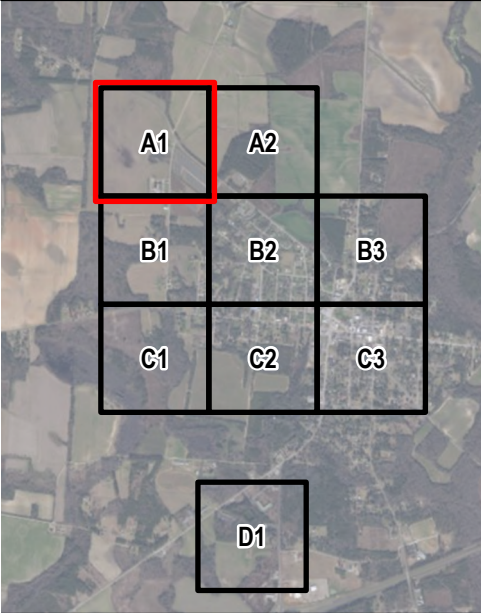
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Hydrologic and Hydraulic Study

Proposed Conditions Flood Analysis  
Rainfall: 25-Year SCS Type II (6.80")

Appendix D.3

Sector A1

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- NOTES:
- 1. Study area encompassed by Census Tract 9608.01.
  - 2. Background 2020 aerial imagery collected by Kucera International. Imagery is managed by Adam DeMars, South Carolina State GIS Coordinator and hosted by ESRI.

Legend

- Study Boundary

Roadway

Outfall

Proposed Detention Basin

Existing

Proposed

Inlet/Manhole/End of Pipe

Existing

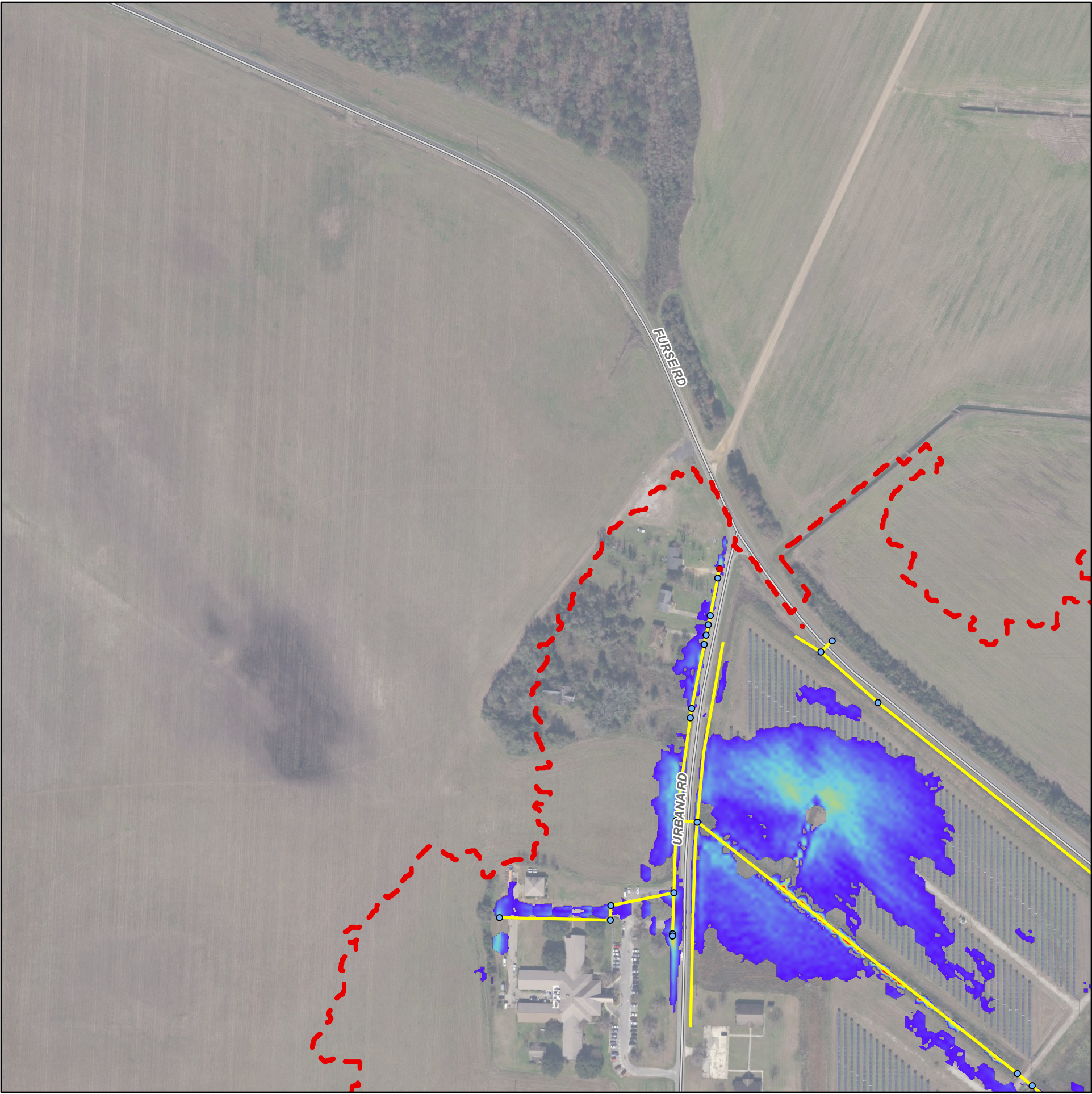
Proposed

Pipe/Drainage Ditch

Maximum Flood Depth

> 3.00 ft

0.10 ft





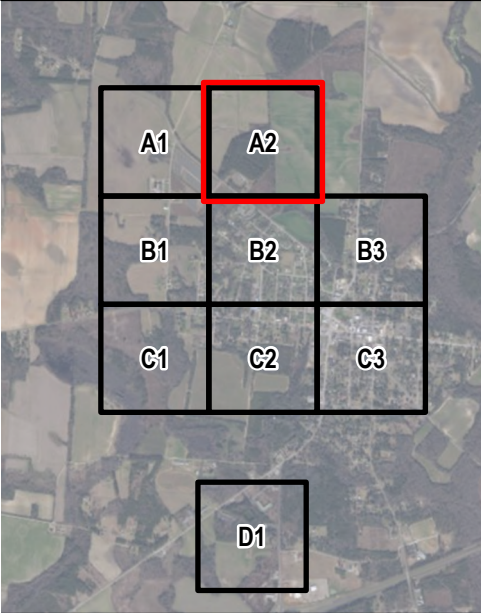
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Hydrologic and Hydraulic Study

Proposed Conditions Flood Analysis  
Rainfall: 25-Year SCS Type II (6.80")

Appendix D.3

Sector A2

Page 2 of 9



- NOTES:
- 1. Study area encompassed by Census Tract 9608.01.
  - 2. Background 2020 aerial imagery collected by Kucera International. Imagery is managed by Adam DeMars, South Carolina State GIS Coordinator and hosted by ESRI.

Legend

- Study Boundary

Roadway

Outfall

Proposed Detention Basin

Inlet/Manhole/End of Pipe Existing

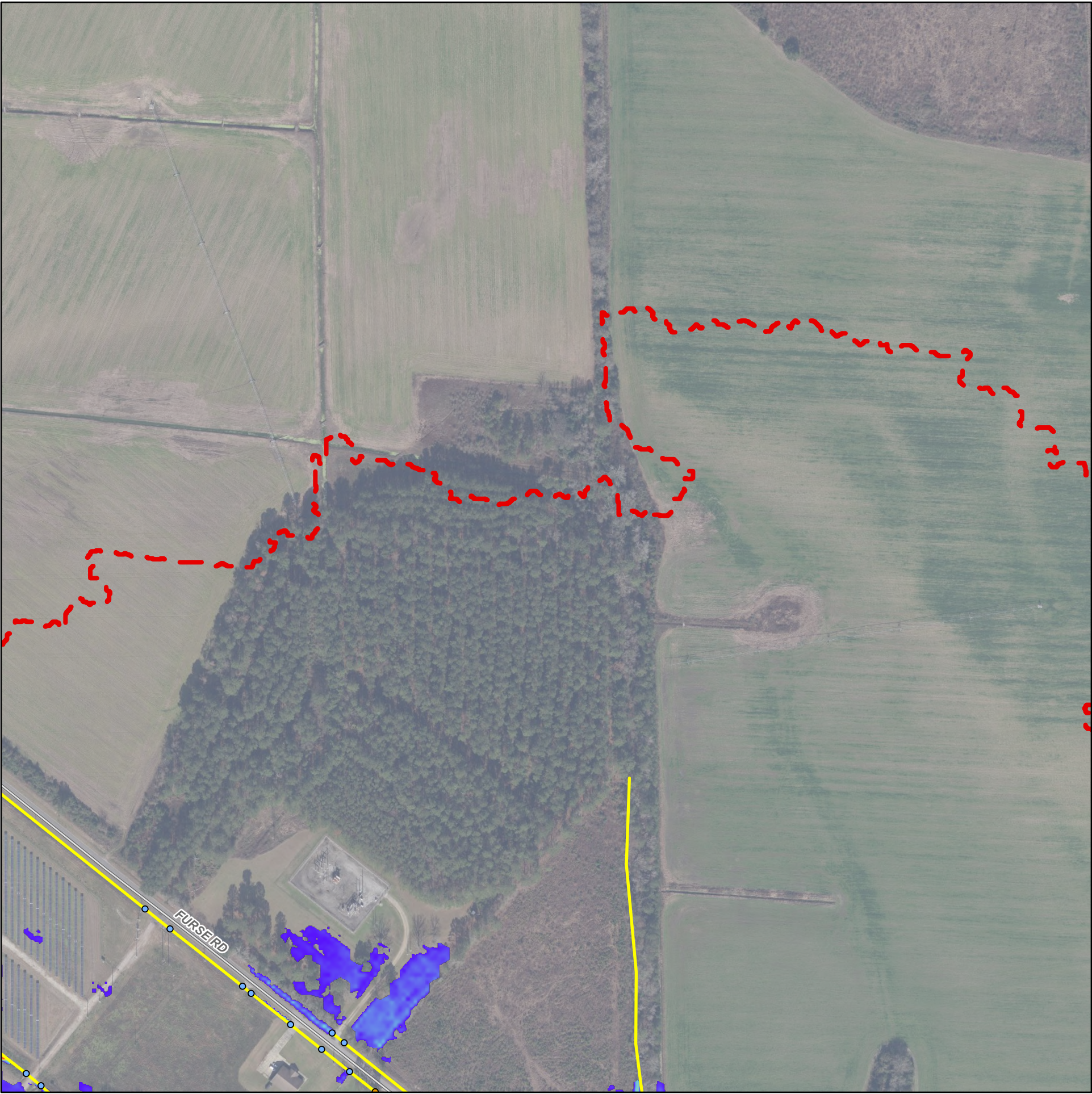
Inlet/Manhole/End of Pipe Proposed
- Pipe/Drainage Ditch Existing

Pipe/Drainage Ditch Proposed

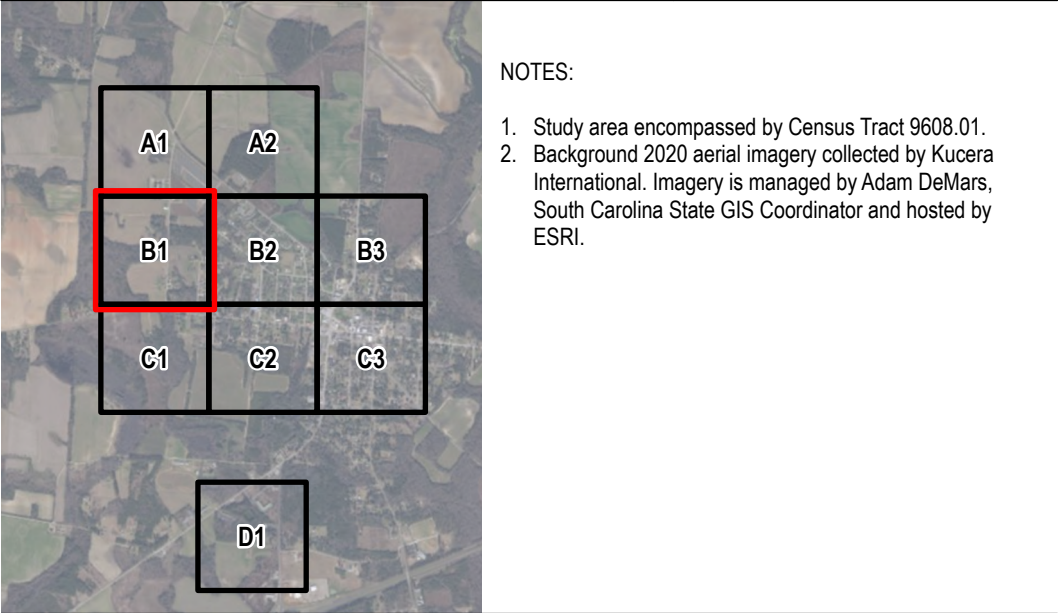
Maximum Flood Depth

> 3.00 ft

0.10 ft







### Legend

Study Boundary

Roadway

Outfall

Proposed Detention Basin

Inlet/Manhole/End of Pipe

Existing

Proposed

Pipe/Drainage Ditch

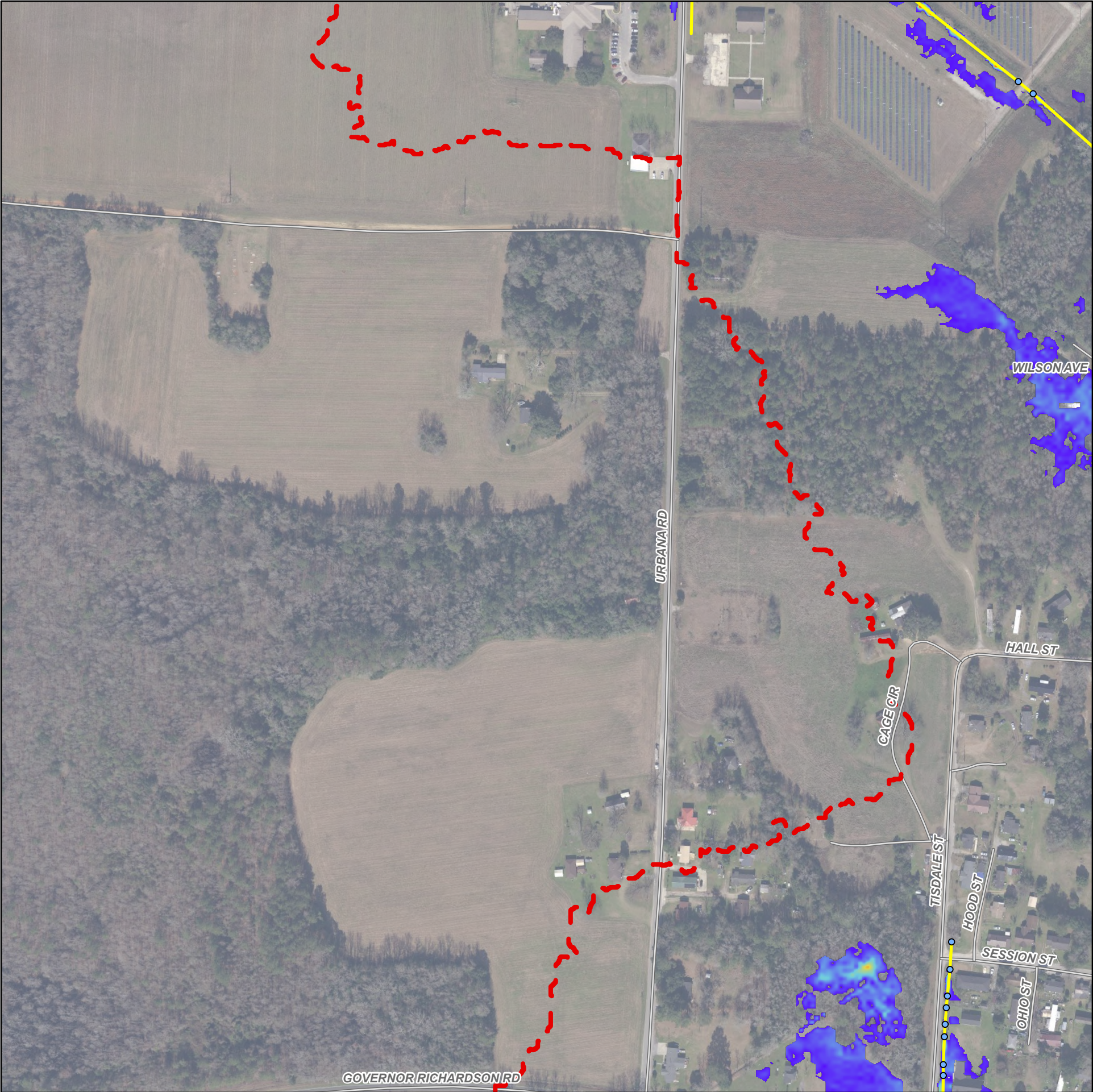
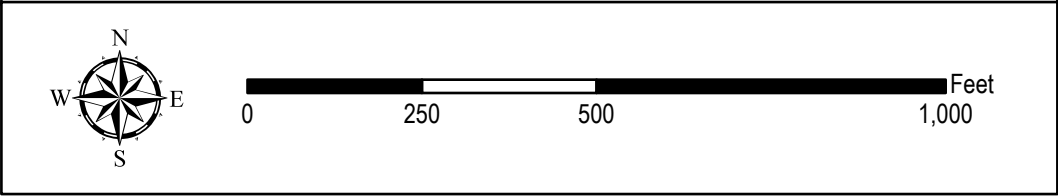
Existing

Proposed

Maximum Flood Depth

> 3.00 ft

0.10 ft





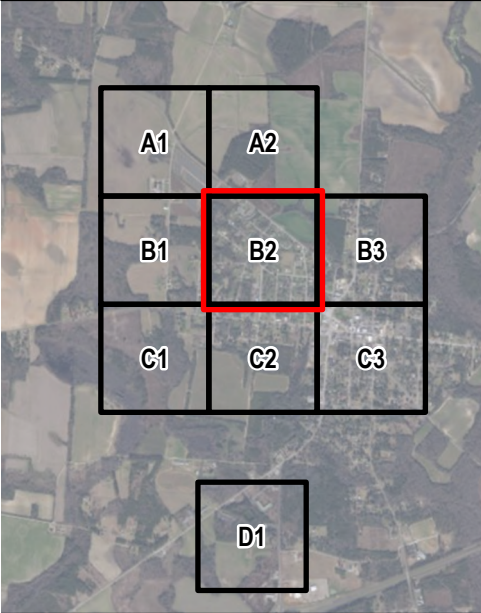
Town of Summerton | SC Office of Resilience  
Hydrologic and Hydraulic Study

Proposed Conditions Flood Analysis  
Rainfall: 25-Year SCS Type II (6.80")

Appendix D.3

Sector B2

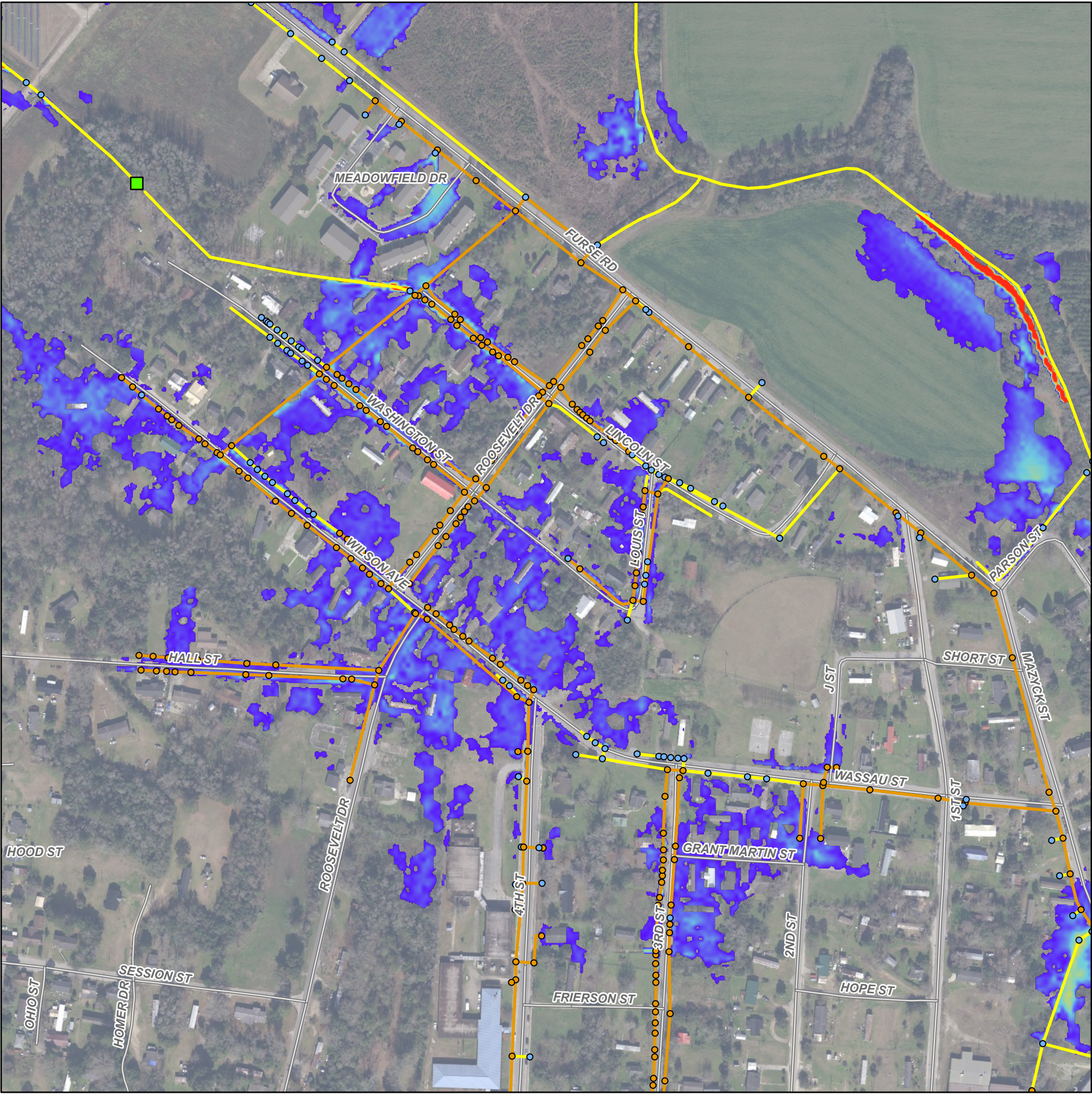
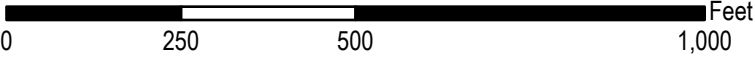
Page 4 of 9



- NOTES:
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Legend

- |                                    |                              |
|------------------------------------|------------------------------|
| Study Boundary                     | Pipe/Drainage Ditch Existing |
| Roadway                            | Proposed                     |
| Outfall                            | Maximum Flood Depth          |
| Proposed Detention Basin           | > 3.00 ft                    |
| Inlet/Manhole/End of Pipe Existing | 0.10 ft                      |
| Proposed                           |                              |





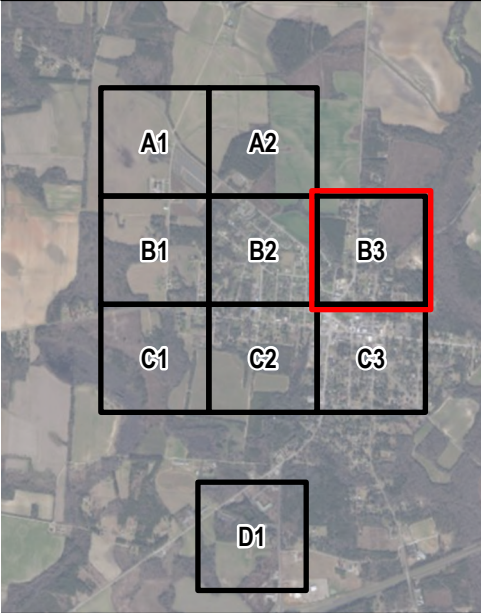
Town of Summerton | SC Office of Resilience  
Hydrologic and Hydraulic Study

Proposed Conditions Flood Analysis  
Rainfall: 25-Year SCS Type II (6.80")

Appendix D.3

Sector B3

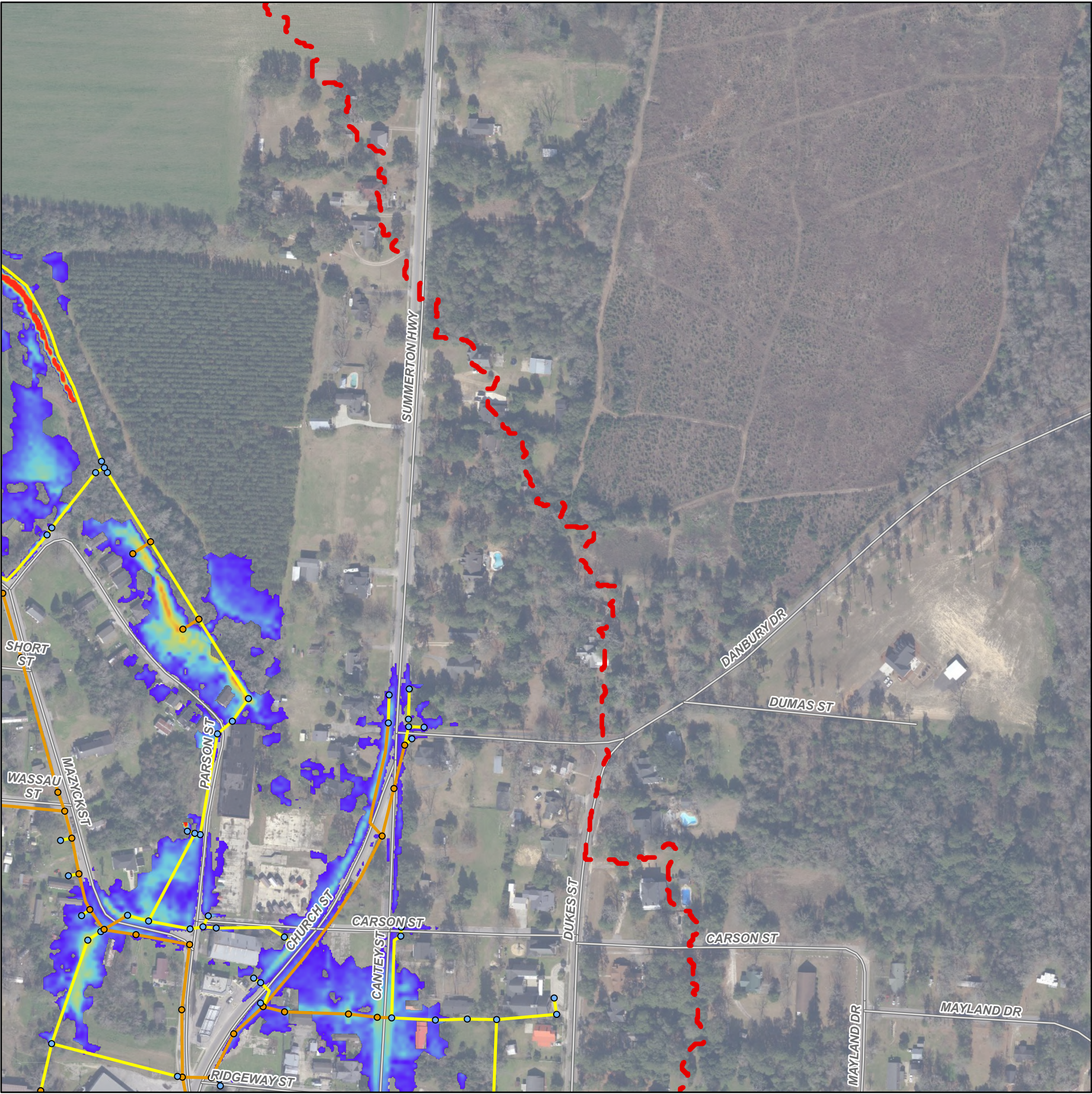
Page 5 of 9



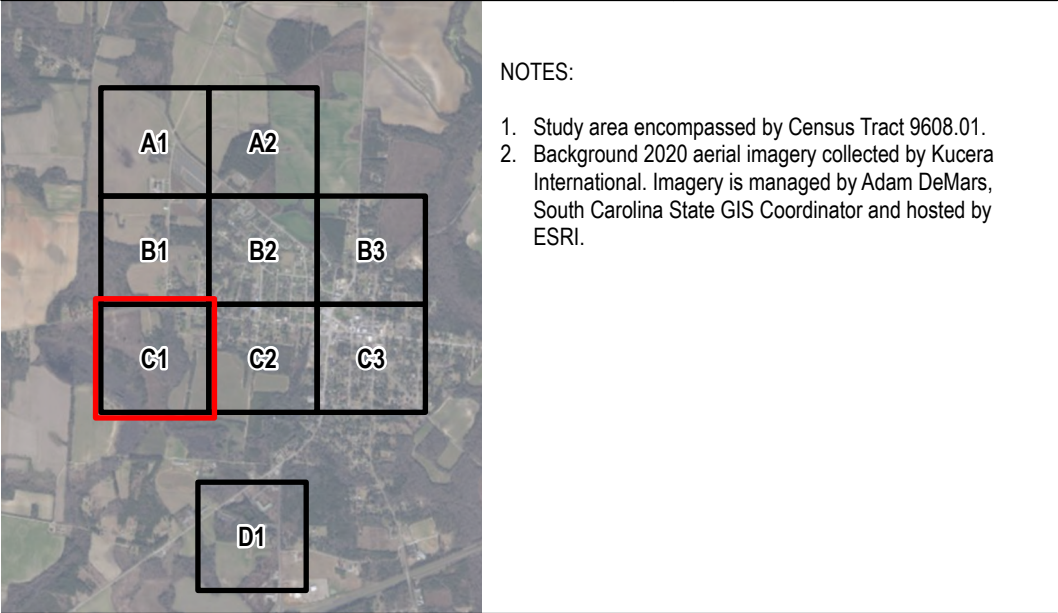
- NOTES:
- 1. Study area encompassed by Census Tract 9608.01.
  - 2. Background 2020 aerial imagery collected by Kucera International. Imagery is managed by Adam DeMars, South Carolina State GIS Coordinator and hosted by ESRI.

Legend

- Study Boundary
- Roadway
- Outfall
- Proposed Detention Basin
- Inlet/Manhole/End of Pipe Existing
- Inlet/Manhole/End of Pipe Proposed
- Pipe/Drainage Ditch Existing
- Pipe/Drainage Ditch Proposed
- Maximum Flood Depth
  - > 3.00 ft
  - 0.10 ft







### Legend

Study Boundary

Roadway

Outfall

Proposed Detention Basin

Inlet/Manhole/End of Pipe Existing

Inlet/Manhole/End of Pipe Proposed

Pipe/Drainage Ditch Existing

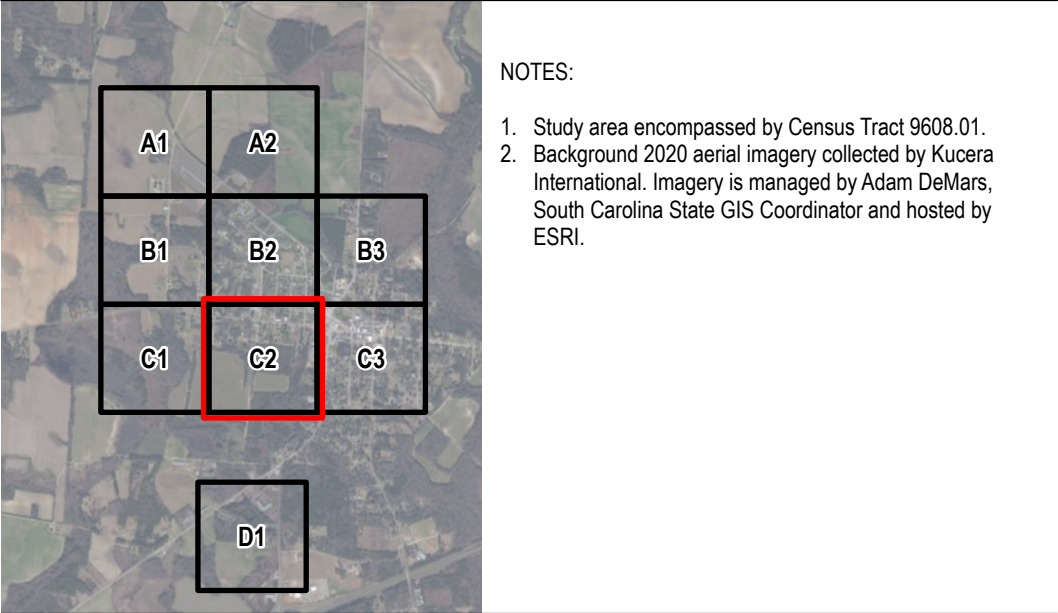
Pipe/Drainage Ditch Proposed

Maximum Flood Depth

> 3.00 ft

0.10 ft





Legend

Study Boundary

Roadway

Outfall

Proposed Detention Basin

Inlet/Manhole/End of Pipe Existing

Proposed

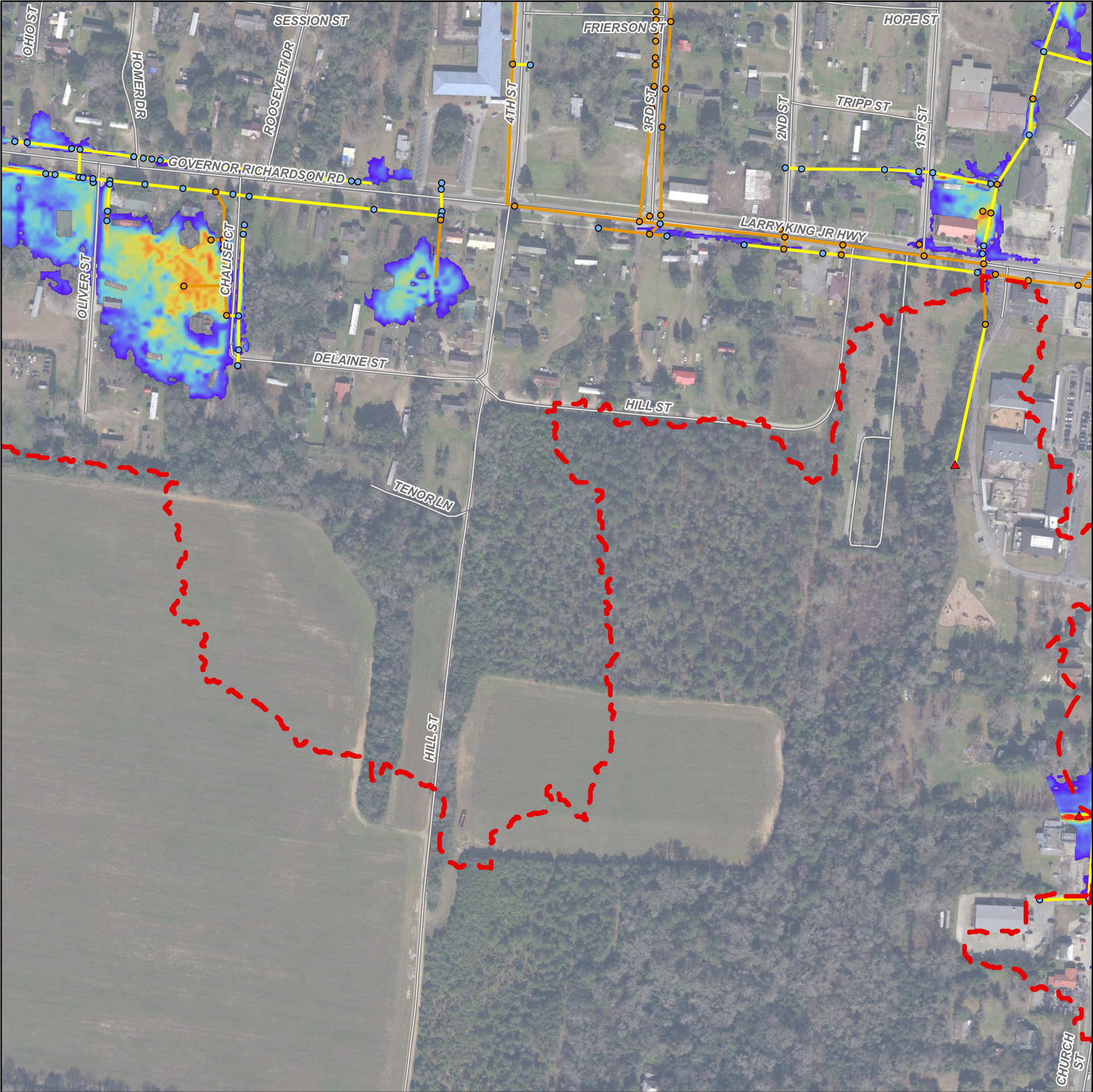
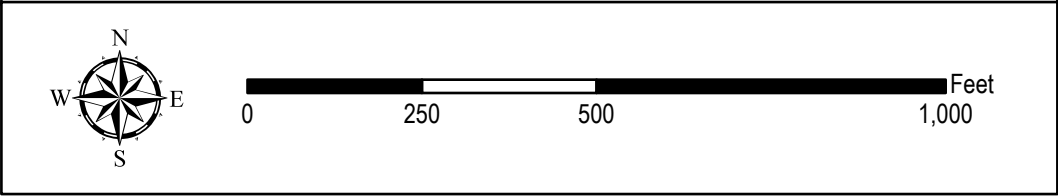
Pipe/Drainage Ditch Existing

Proposed

Maximum Flood Depth

> 3.00 ft

0.10 ft





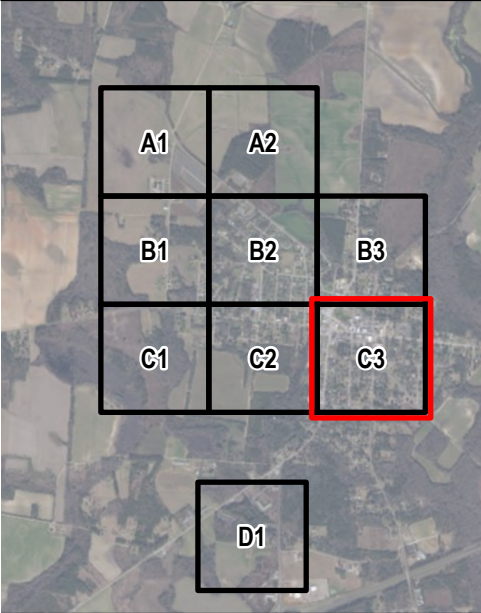
Town of Summerton | SC Office of Resilience  
Hydrologic and Hydraulic Study

Proposed Conditions Flood Analysis  
Rainfall: 25-Year SCS Type II (6.80")

Appendix D.3

Sector C3

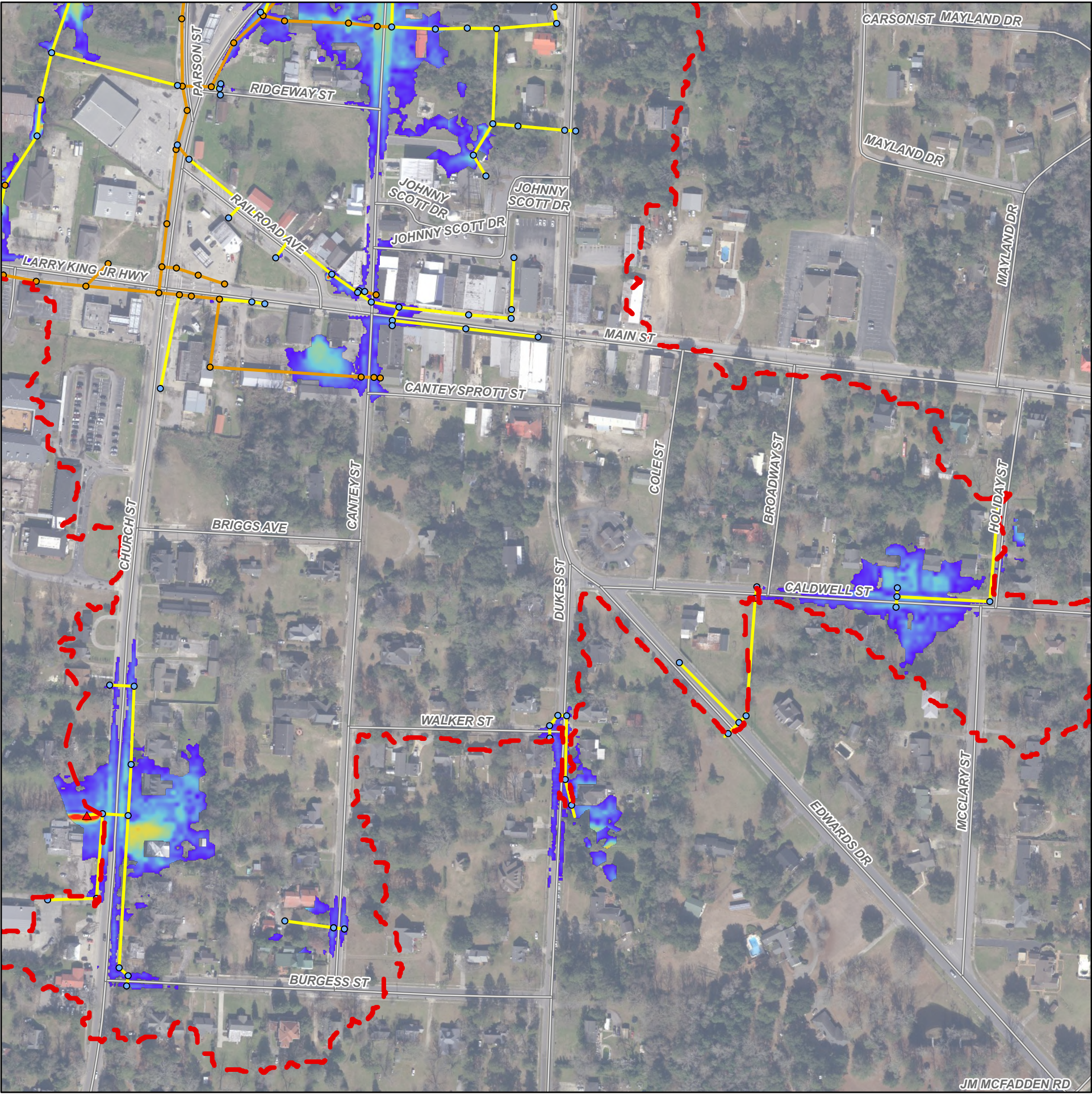
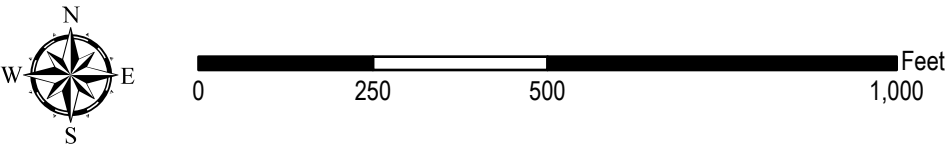
Page 8 of 9



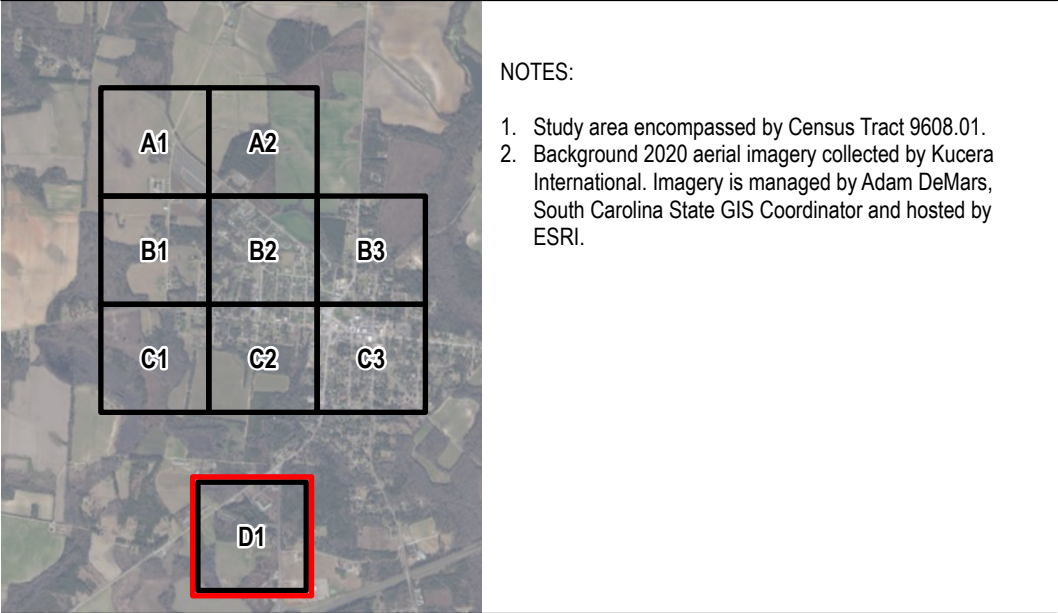
- NOTES:
1. Study area encompassed by Census Tract 9608.01.
  2. Background 2020 aerial imagery collected by Kucera International. Imagery is managed by Adam DeMars, South Carolina State GIS Coordinator and hosted by ESRI.

Legend

- Study Boundary
- Roadway
- Outfall
- Proposed Detention Basin
- Inlet/Manhole/End of Pipe
- Existing
- Proposed
- Pipe/Drainage Ditch
- Existing
- Proposed
- Maximum Flood Depth
- > 3.00 ft
- 0.10 ft







### Legend

Study Boundary

Roadway

Outfall

Proposed Detention Basin

Inlet/Manhole/End of Pipe Existing

Inlet/Manhole/End of Pipe Proposed

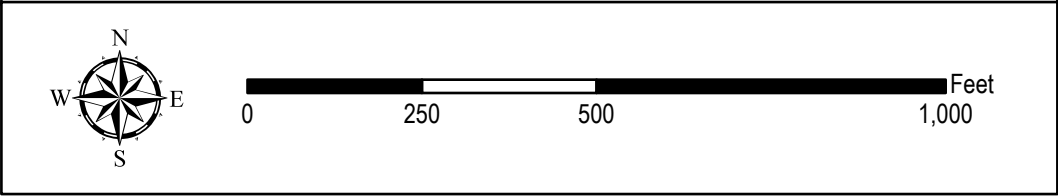
Pipe/Drainage Ditch Existing

Pipe/Drainage Ditch Proposed

Maximum Flood Depth

> 3.00 ft

0.10 ft





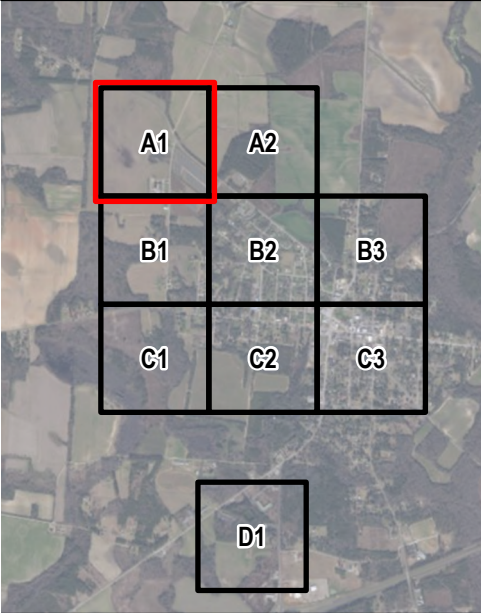
Town of Summerton | SC Office of Resilience  
Hydrologic and Hydraulic Study

Proposed Conditions Flood Analysis  
Rainfall: 100-Year SCS Type II (9.24")

Appendix D.4

Sector A1

Page 1 of 9



- NOTES:
- 1. Study area encompassed by Census Tract 9608.01.
  - 2. Background 2020 aerial imagery collected by Kucera International. Imagery is managed by Adam DeMars, South Carolina State GIS Coordinator and hosted by ESRI.

Legend

- Study Boundary

Roadway

Outfall

Proposed Detention Basin

Inlet/Manhole/End of Pipe Existing

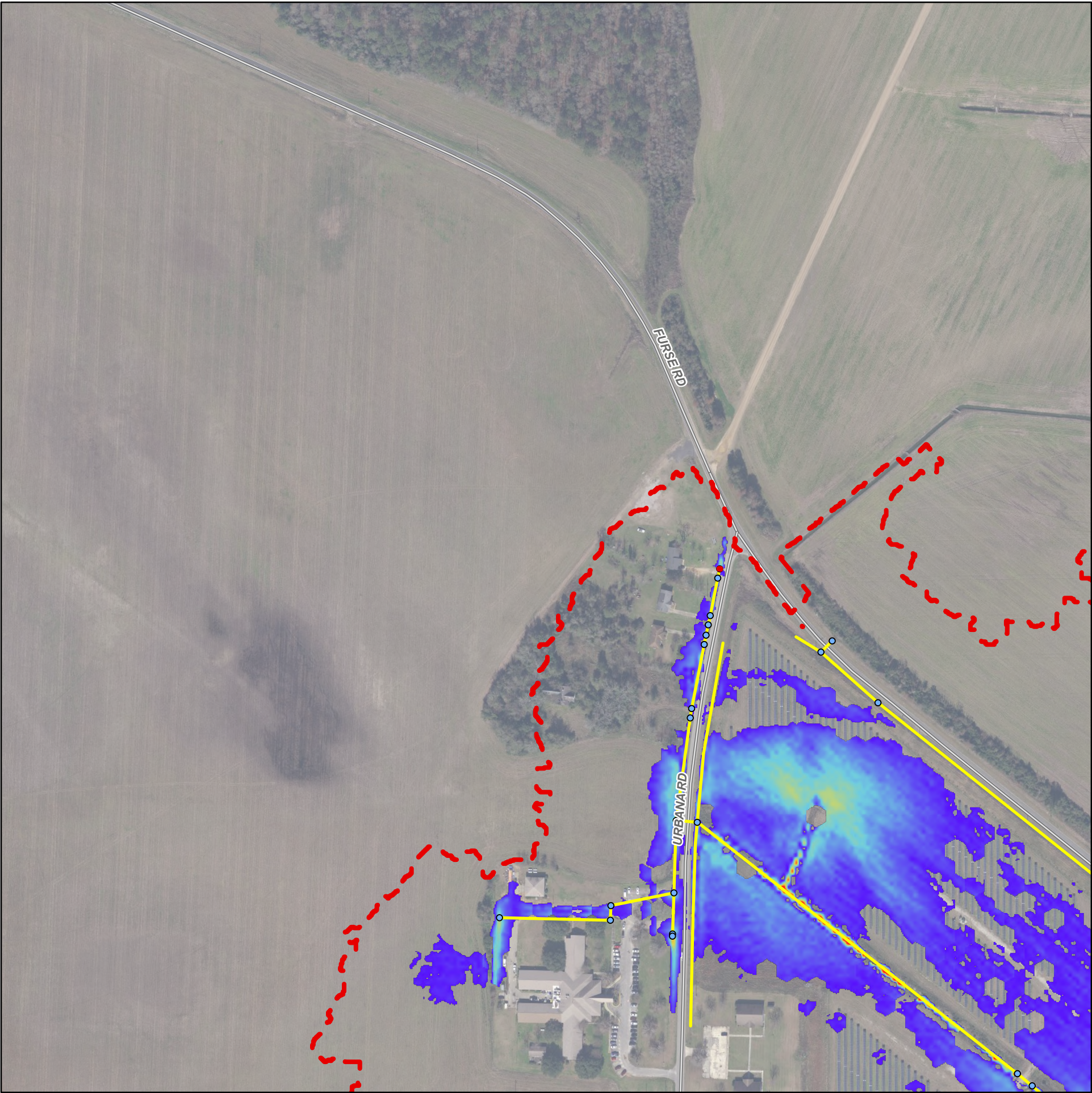
Inlet/Manhole/End of Pipe Proposed
- Pipe/Drainage Ditch Existing

Pipe/Drainage Ditch Proposed

Maximum Flood Depth

> 3.00 ft

0.10 ft





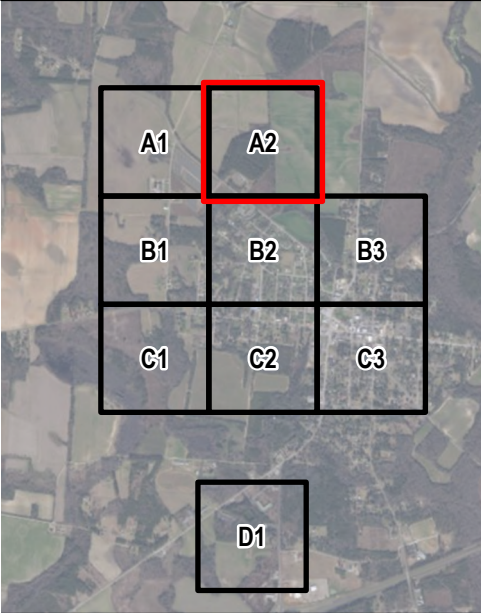
Town of Summerton | SC Office of Resilience  
Hydrologic and Hydraulic Study

Proposed Conditions Flood Analysis  
Rainfall: 100-Year SCS Type II (9.24")

Appendix D.4


Sector A2


Page 2 of 9





- NOTES:
- 1. Study area encompassed by Census Tract 9608.01.
  - 2. Background 2020 aerial imagery collected by Kucera International. Imagery is managed by Adam DeMars, South Carolina State GIS Coordinator and hosted by ESRI.

Legend


-  Study Boundary


 Roadway


 Outfall


 Proposed Detention Basin

Inlet/Manhole/End of Pipe


 Existing


 Proposed
- Pipe/Drainage Ditch

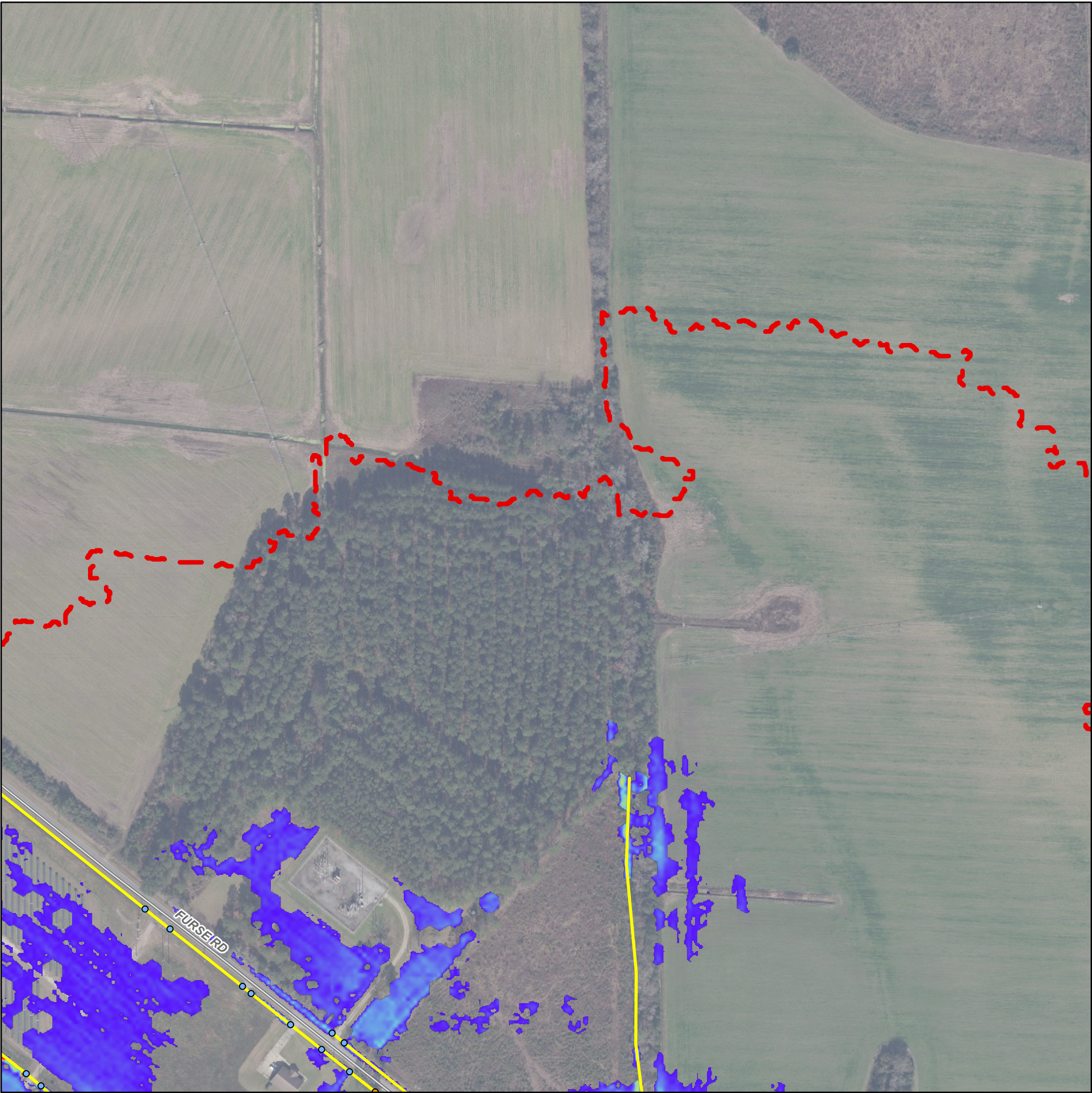
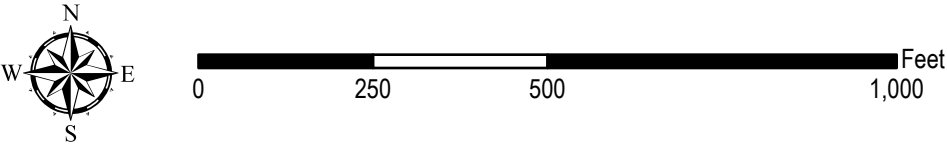
 Existing

 Proposed

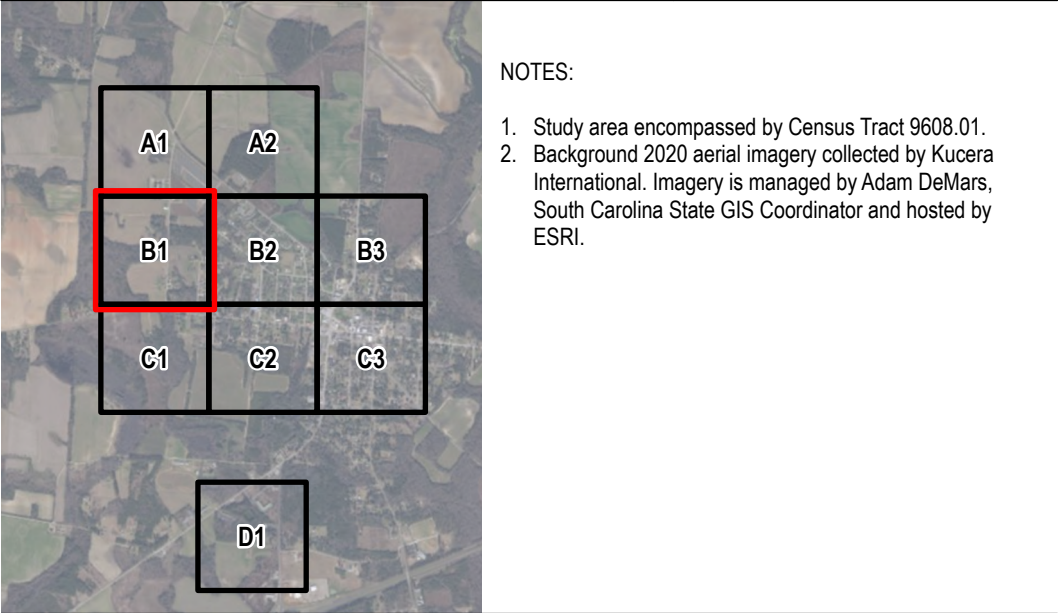
Maximum Flood Depth

 > 3.00 ft

 0.10 ft







### Legend

Study Boundary

Roadway

Outfall

Proposed Detention Basin

Inlet/Manhole/End of Pipe

Existing

Proposed

Pipe/Drainage Ditch

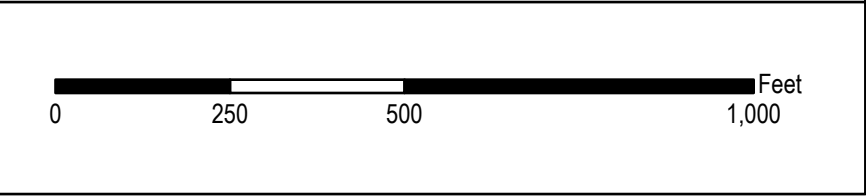
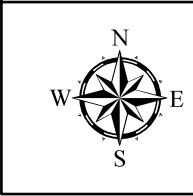
Existing

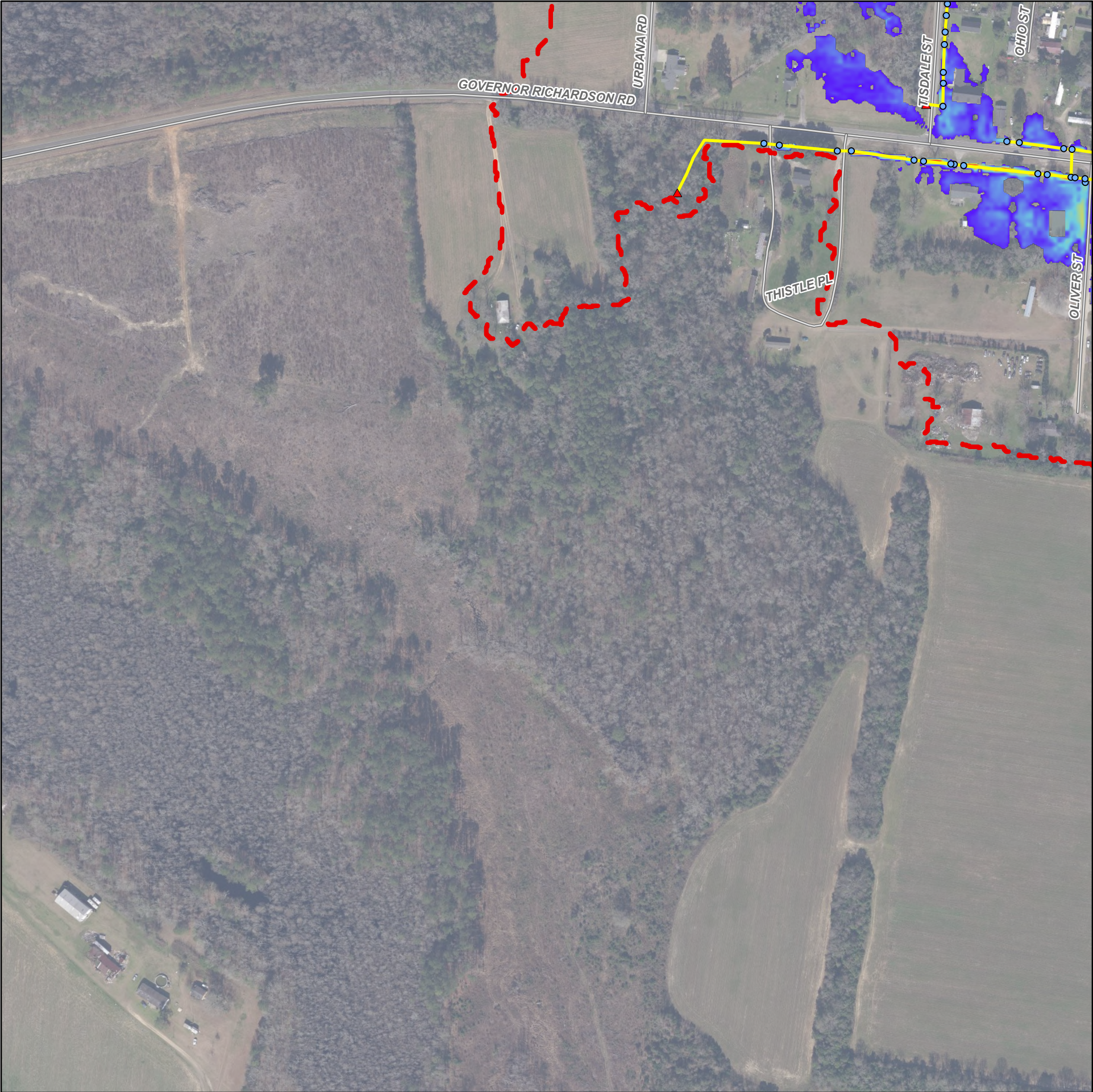
Proposed

Maximum Flood Depth

> 3.00 ft

0.10 ft







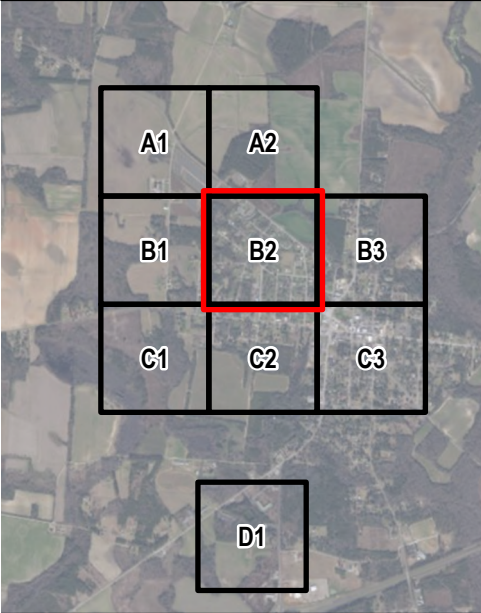
Town of Summerton | SC Office of Resilience  
Hydrologic and Hydraulic Study

Proposed Conditions Flood Analysis  
Rainfall: 100-Year SCS Type II (9.24")

Appendix D.4

Sector B2

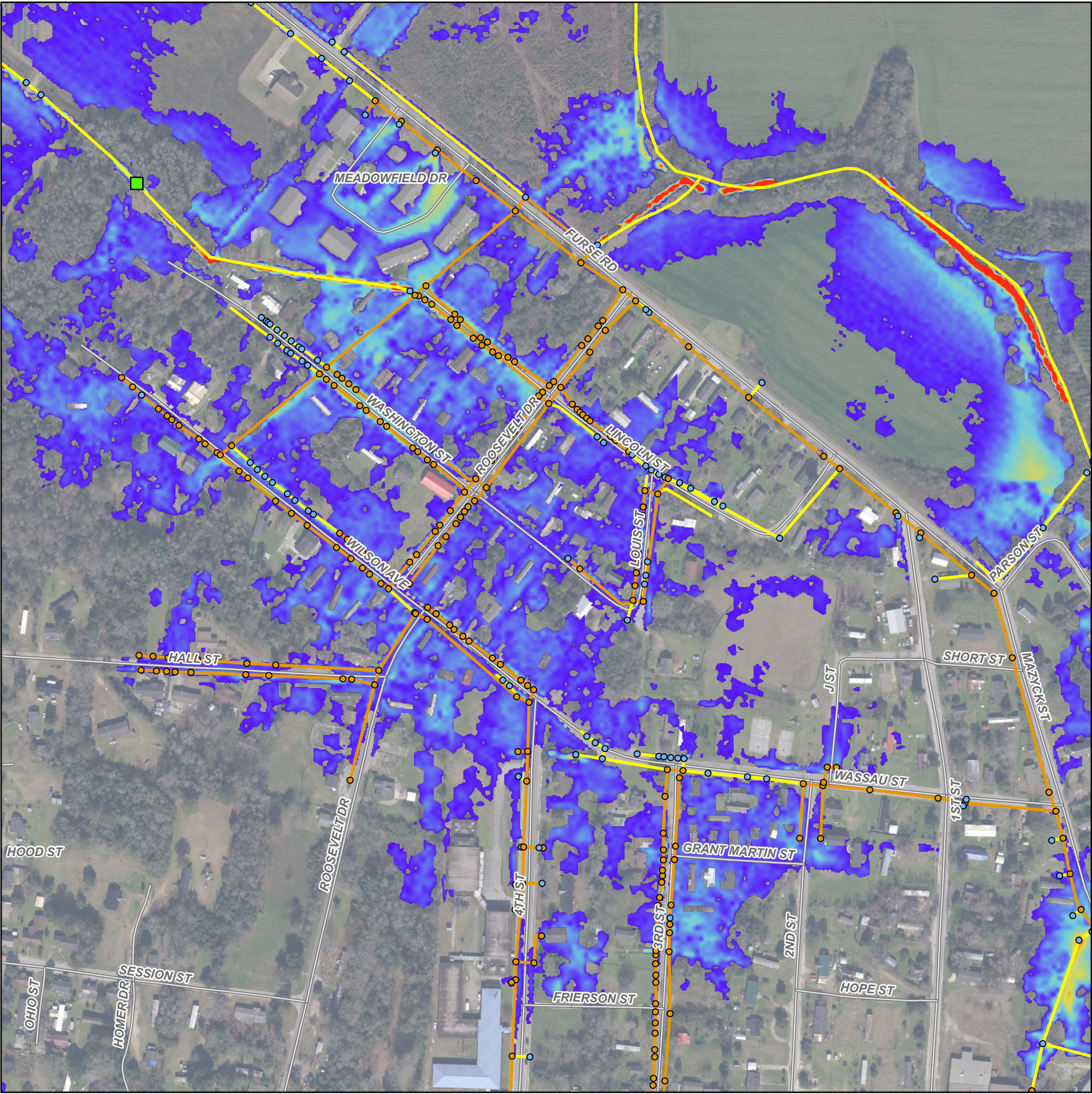
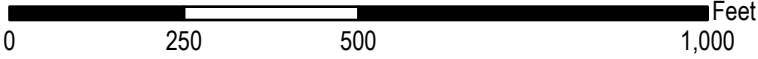
Page 4 of 9



- NOTES:
1. Study area encompassed by Census Tract 9608.01.
  2. Background 2020 aerial imagery collected by Kucera International. Imagery is managed by Adam DeMars, South Carolina State GIS Coordinator and hosted by ESRI.

Legend

- |                                    |                              |
|------------------------------------|------------------------------|
| Study Boundary                     | Pipe/Drainage Ditch Existing |
| Roadway                            | Proposed                     |
| Outfall                            | Maximum Flood Depth          |
| Proposed Detention Basin           | > 3.00 ft                    |
| Inlet/Manhole/End of Pipe Existing | 0.10 ft                      |
| Proposed                           |                              |





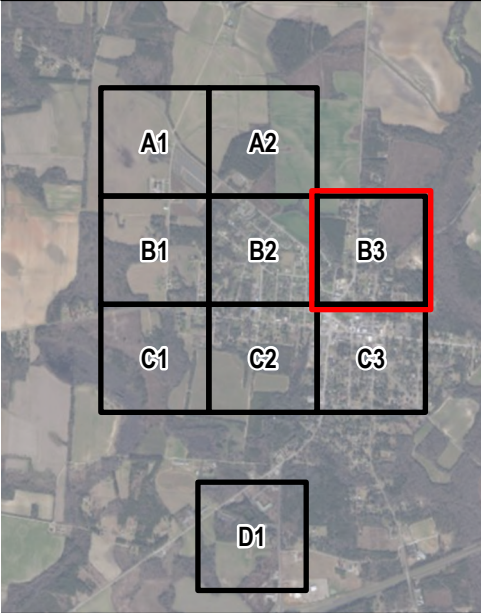
Town of Summerton | SC Office of Resilience  
Hydrologic and Hydraulic Study

Proposed Conditions Flood Analysis  
Rainfall: 100-Year SCS Type II (9.24")

Appendix D.4

Sector B3

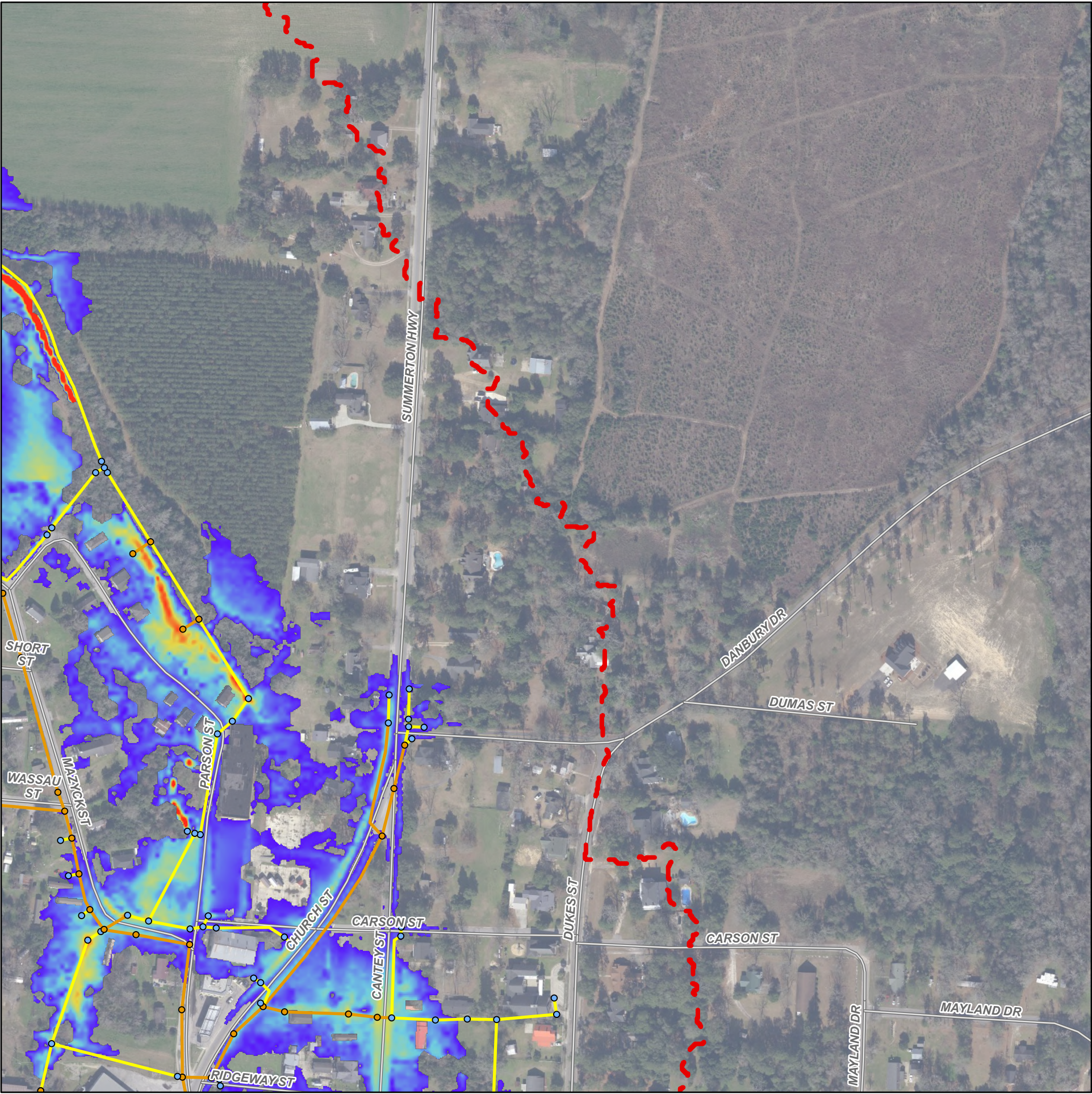
Page 5 of 9



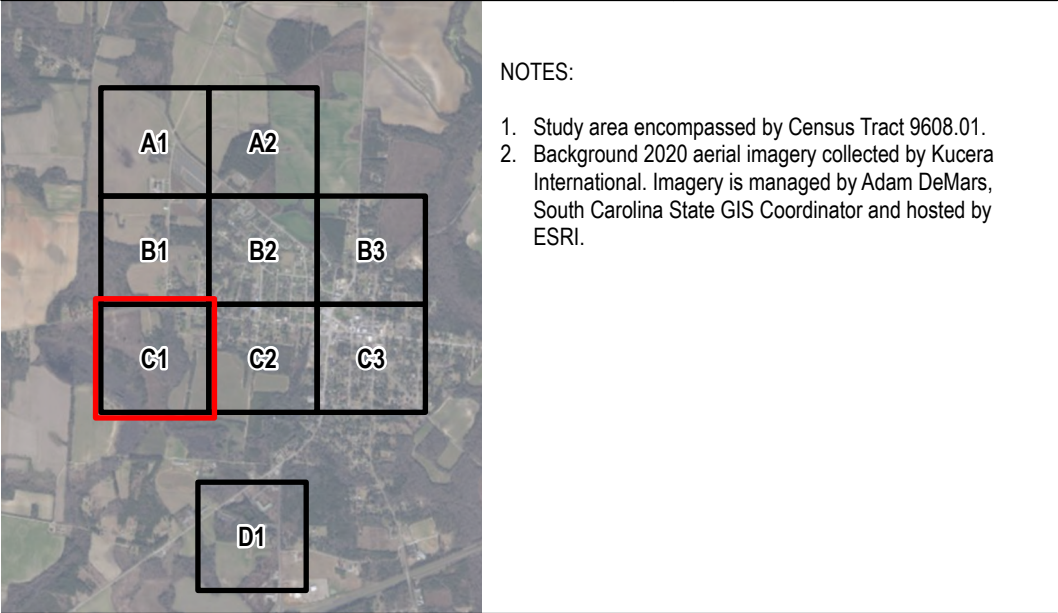
- NOTES:
- 1. Study area encompassed by Census Tract 9608.01.
  - 2. Background 2020 aerial imagery collected by Kucera International. Imagery is managed by Adam DeMars, South Carolina State GIS Coordinator and hosted by ESRI.

Legend


- Study Boundary
- Roadway
- Outfall
- Proposed Detention Basin
- Inlet/Manhole/End of Pipe
- Pipe/Drainage Ditch
- Existing
- Proposed
- Maximum Flood Depth
- > 3.00 ft
- 0.10 ft




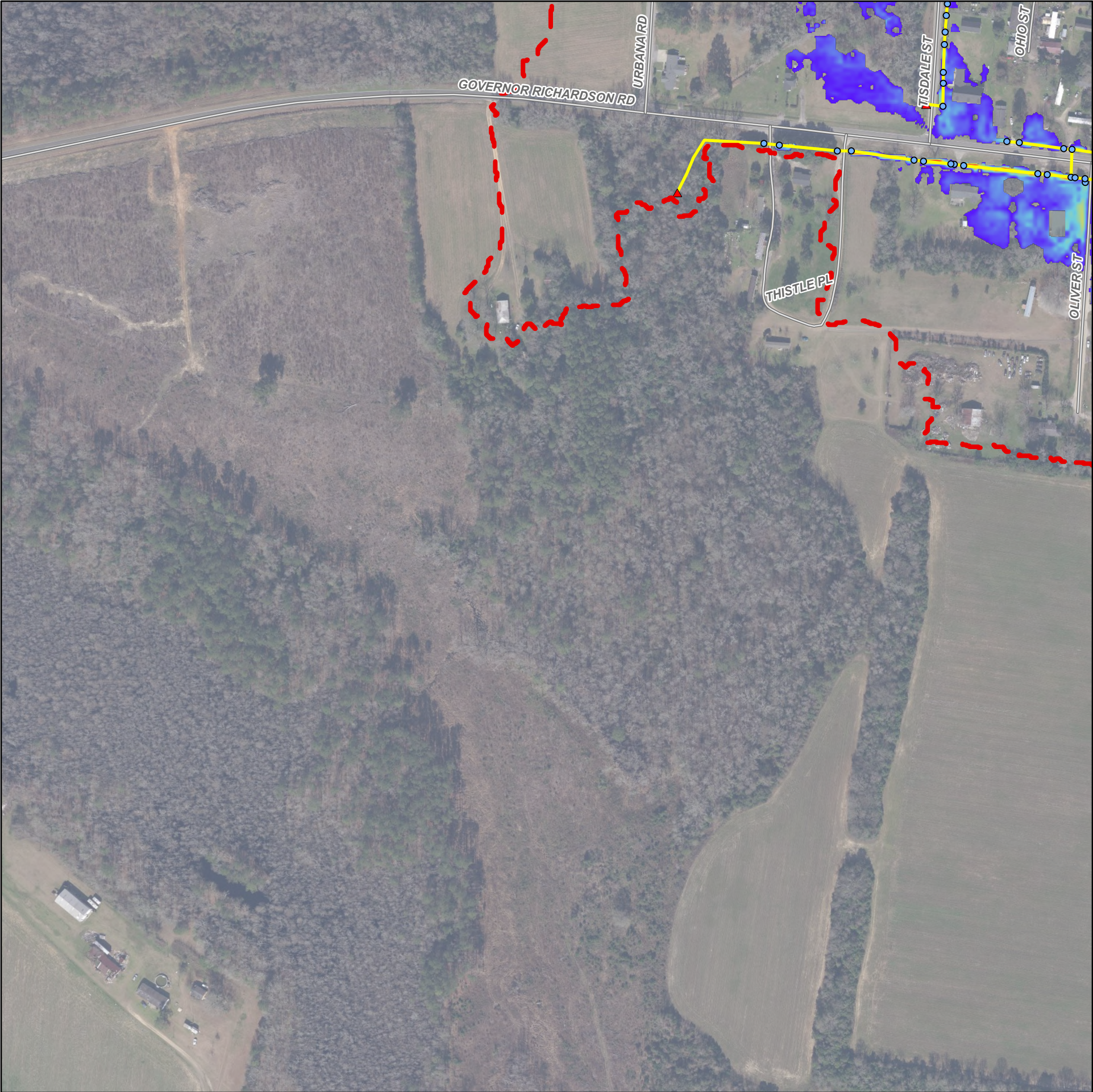





### Legend


 Study Boundary


 Roadway

 Outfall


 Proposed Detention Basin


Inlet/Manhole/End of Pipe

 Existing


 Proposed


Pipe/Drainage Ditch

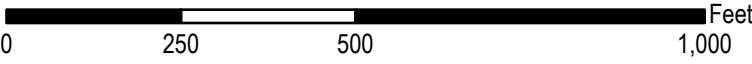

 Existing

 Proposed

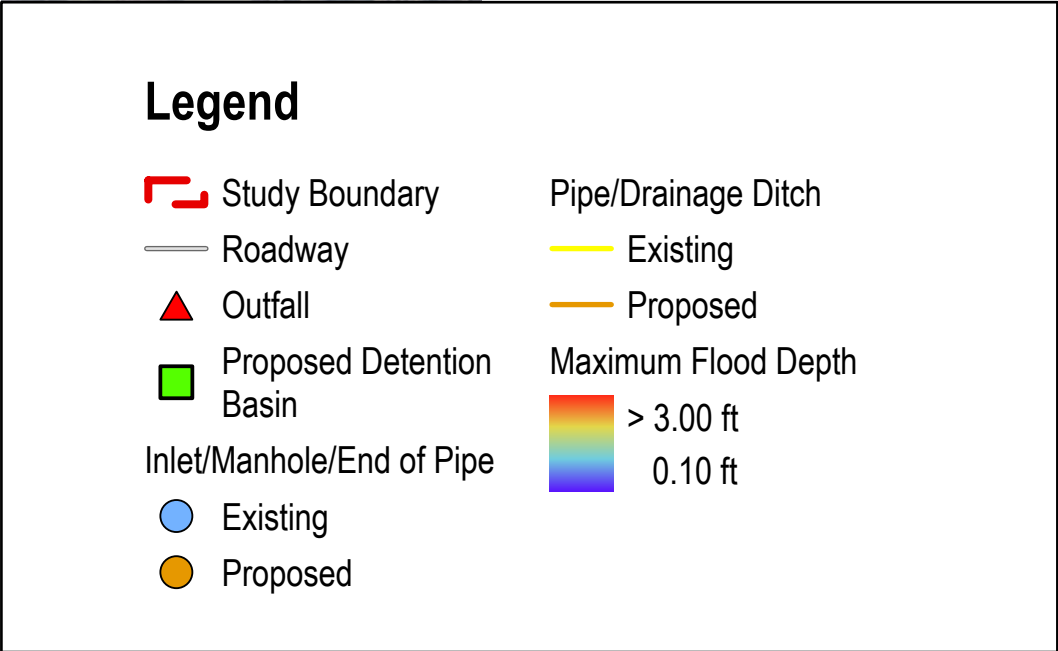
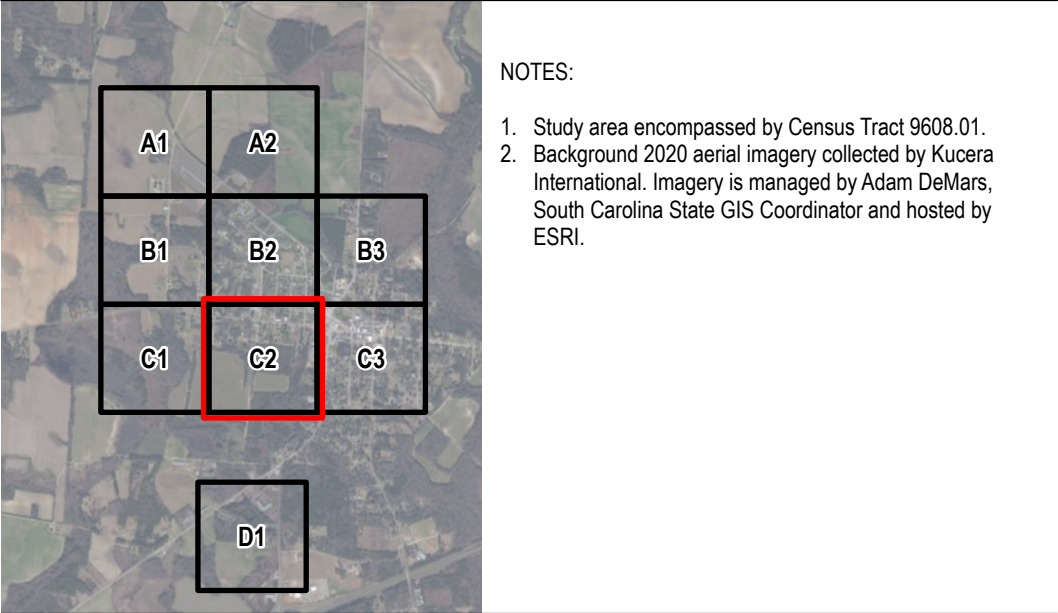
Maximum Flood Depth

 > 3.00 ft

 0.10 ft









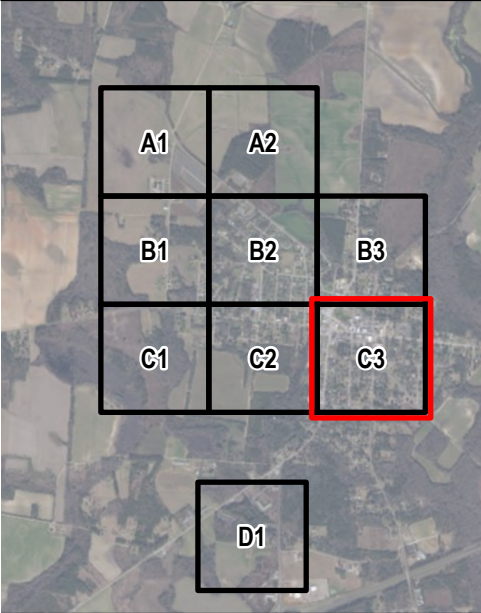
Town of Summerton | SC Office of Resilience  
Hydrologic and Hydraulic Study

Proposed Conditions Flood Analysis  
Rainfall: 100-Year SCS Type II (9.24")

Appendix D.4

Sector C3

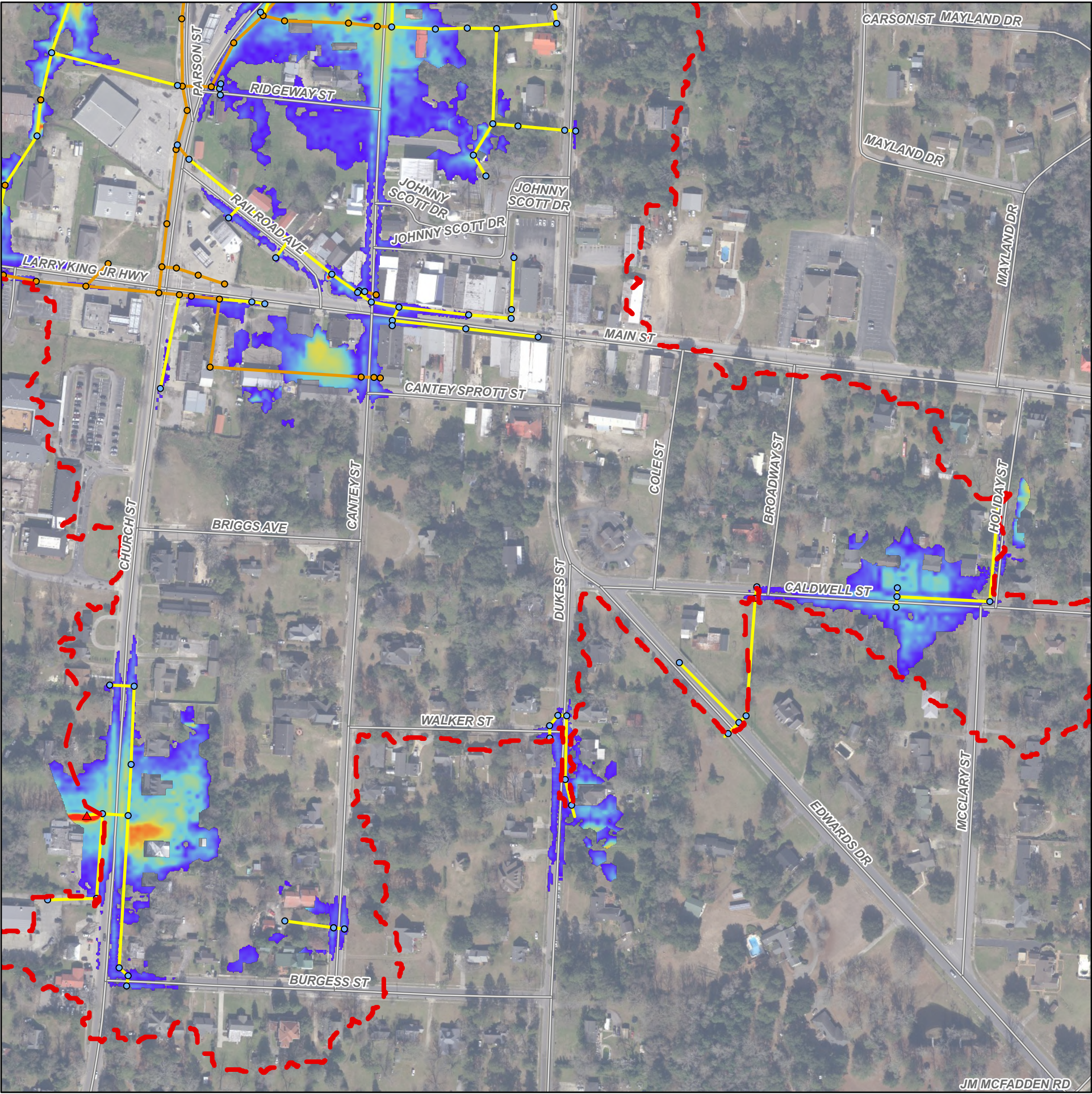
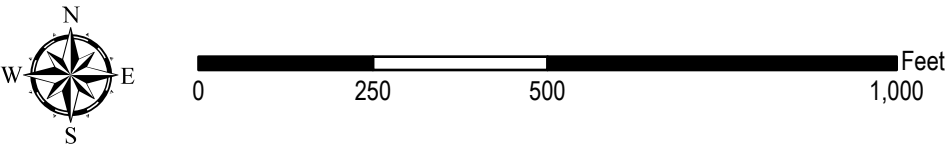
Page 8 of 9



- NOTES:
1. Study area encompassed by Census Tract 9608.01.
  2. Background 2020 aerial imagery collected by Kucera International. Imagery is managed by Adam DeMars, South Carolina State GIS Coordinator and hosted by ESRI.

Legend

- Study Boundary
- Roadway
- Outfall
- Proposed Detention Basin
- Inlet/Manhole/End of Pipe
- Existing
- Proposed
- Pipe/Drainage Ditch
- Existing
- Proposed
- Maximum Flood Depth
- > 3.00 ft
- 0.10 ft





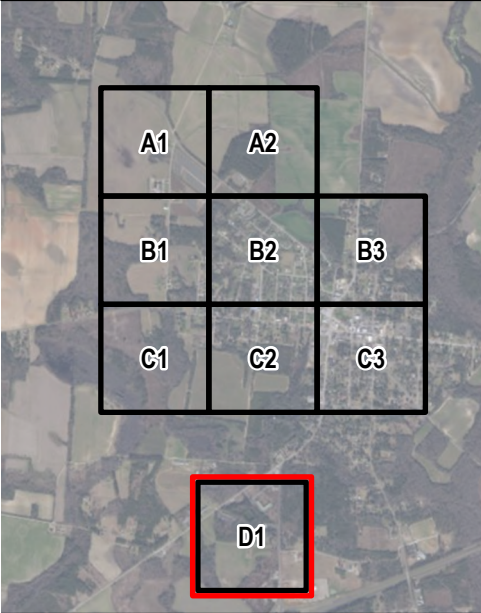
Town of Summerton | SC Office of Resilience  
Hydrologic and Hydraulic Study

Proposed Conditions Flood Analysis  
Rainfall: 100-Year SCS Type II (9.24")

Appendix D.4

Sector D1

Page 9 of 9



- NOTES:
- 1. Study area encompassed by Census Tract 9608.01.
  - 2. Background 2020 aerial imagery collected by Kucera International. Imagery is managed by Adam DeMars, South Carolina State GIS Coordinator and hosted by ESRI.

Legend

- Study Boundary
- Roadway
- Outfall
- Proposed Detention Basin
- Inlet/Manhole/End of Pipe Existing
- Inlet/Manhole/End of Pipe Proposed
- Pipe/Drainage Ditch Existing
- Pipe/Drainage Ditch Proposed
- Maximum Flood Depth
  - > 3.00 ft
  - 0.10 ft





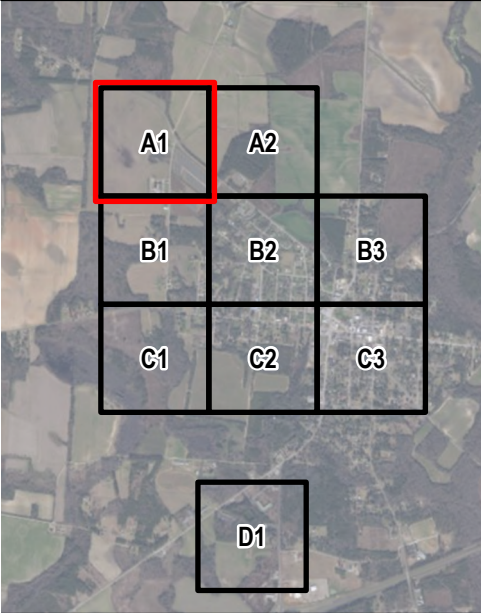
Town of Summerton | SC Office of Resilience  
Hydrologic and Hydraulic Study

Proposed Conditions Flood Analysis  
Rainfall: 2-Year SC Long (3.59")

Appendix D.5

Sector A1

Page 1 of 9



- NOTES:
- 1. Study area encompassed by Census Tract 9608.01.
  - 2. Background 2020 aerial imagery collected by Kucera International. Imagery is managed by Adam DeMars, South Carolina State GIS Coordinator and hosted by ESRI.

Legend

- Study Boundary

Roadway

Outfall

Proposed Detention Basin

Existing Inlet/Manhole/End of Pipe

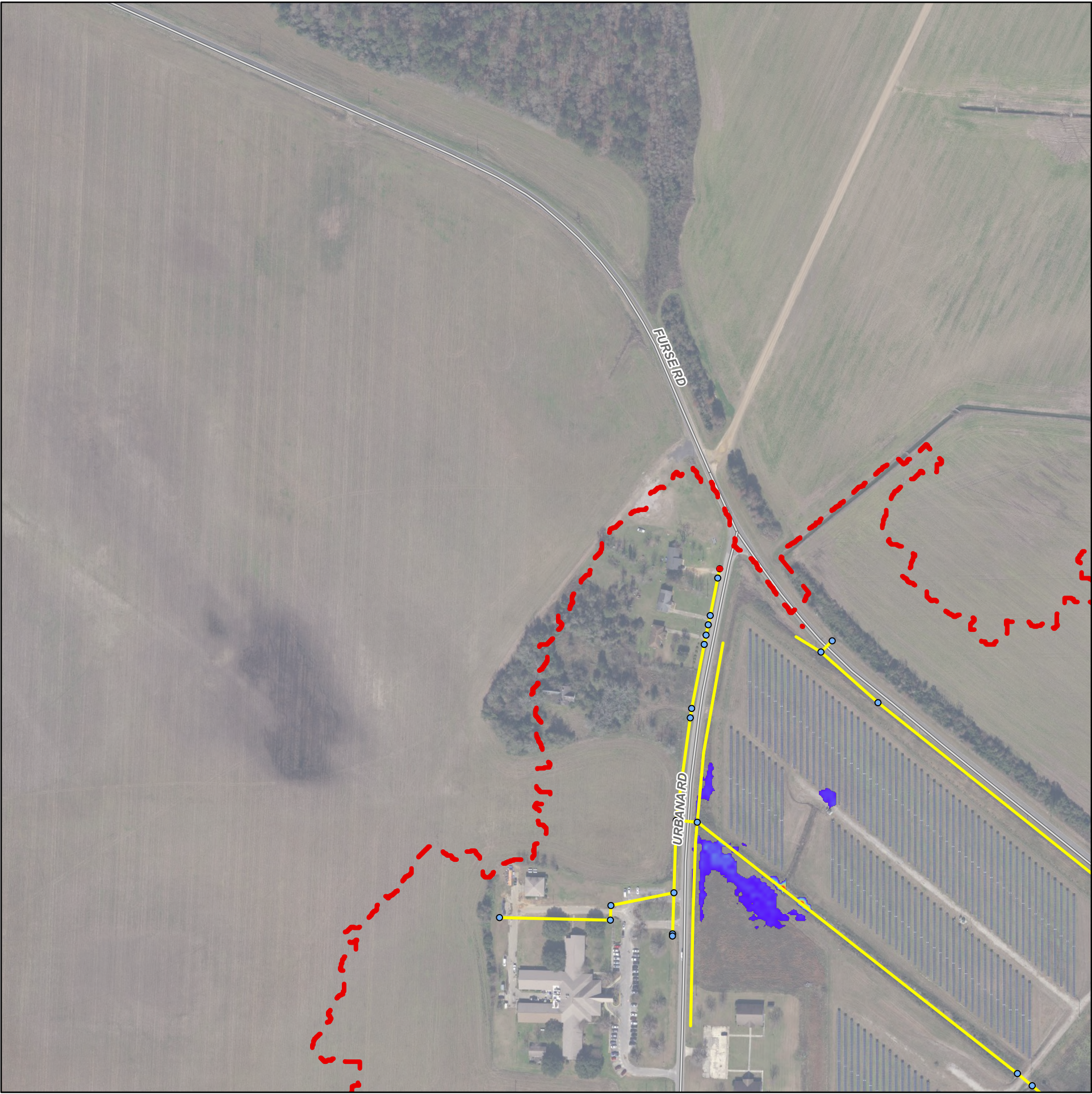
Proposed Inlet/Manhole/End of Pipe
- Pipe/Drainage Ditch Existing

Pipe/Drainage Ditch Proposed

Maximum Flood Depth

> 3.00 ft

0.10 ft





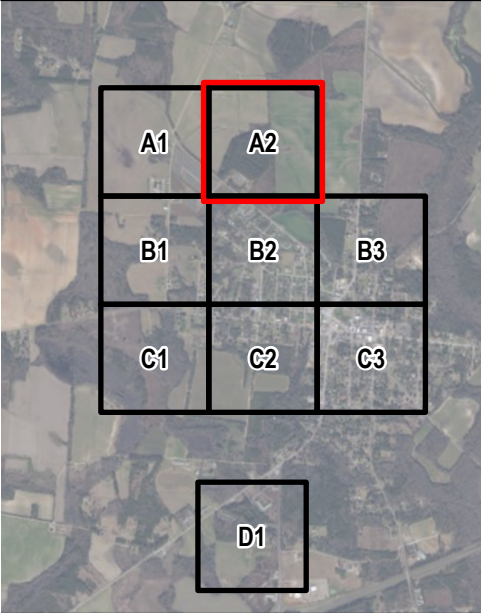
Town of Summerton | SC Office of Resilience  
Hydrologic and Hydraulic Study

Proposed Conditions Flood Analysis  
Rainfall: 2-Year SC Long (3.59")

Appendix D.5

Sector A2

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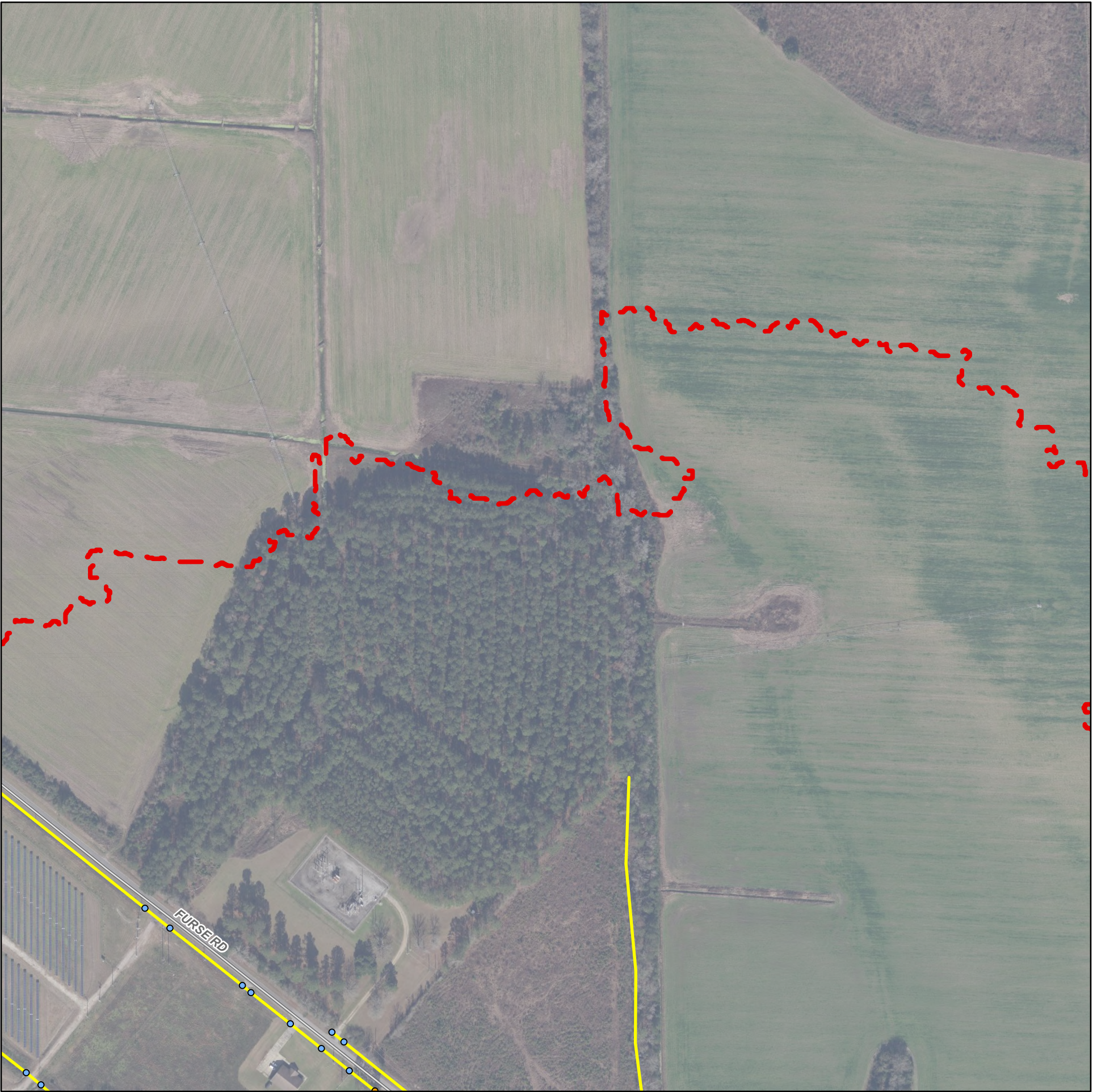
- NOTES:
- 1. Study area encompassed by Census Tract 9608.01.
  - 2. Background 2020 aerial imagery collected by Kucera International. Imagery is managed by Adam DeMars, South Carolina State GIS Coordinator and hosted by ESRI.

Legend

- |                                    |                              |
|------------------------------------|------------------------------|
| Study Boundary                     | Pipe/Drainage Ditch Existing |
| Roadway                            | Pipe/Drainage Ditch Proposed |
| Outfall                            | Maximum Flood Depth          |
| Proposed Detention Basin           | Maximum Flood Depth          |
| Inlet/Manhole/End of Pipe Existing | Maximum Flood Depth          |
| Inlet/Manhole/End of Pipe Proposed | Maximum Flood Depth          |



0 250 500 1,000 Feet





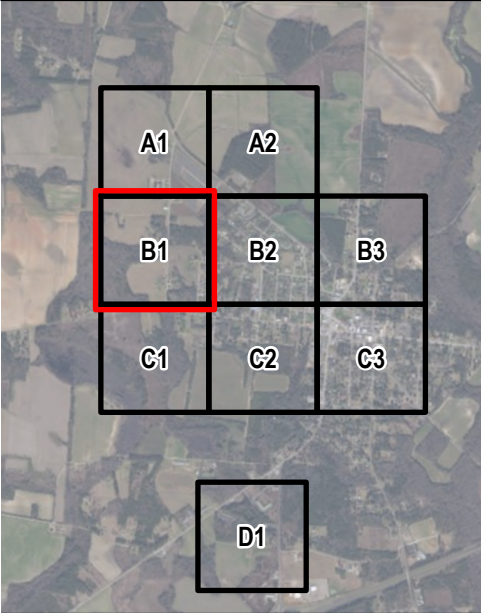
Town of Summerton | SC Office of Resilience  
Hydrologic and Hydraulic Study

Proposed Conditions Flood Analysis  
Rainfall: 2-Year SC Long (3.59")

Appendix D.5

Sector B1

Page 3 of 9



- NOTES:
- 1. Study area encompassed by Census Tract 9608.01.
  - 2. Background 2020 aerial imagery collected by Kucera International. Imagery is managed by Adam DeMars, South Carolina State GIS Coordinator and hosted by ESRI.

Legend

- Study Boundary

Roadway

Outfall

Proposed Detention Basin

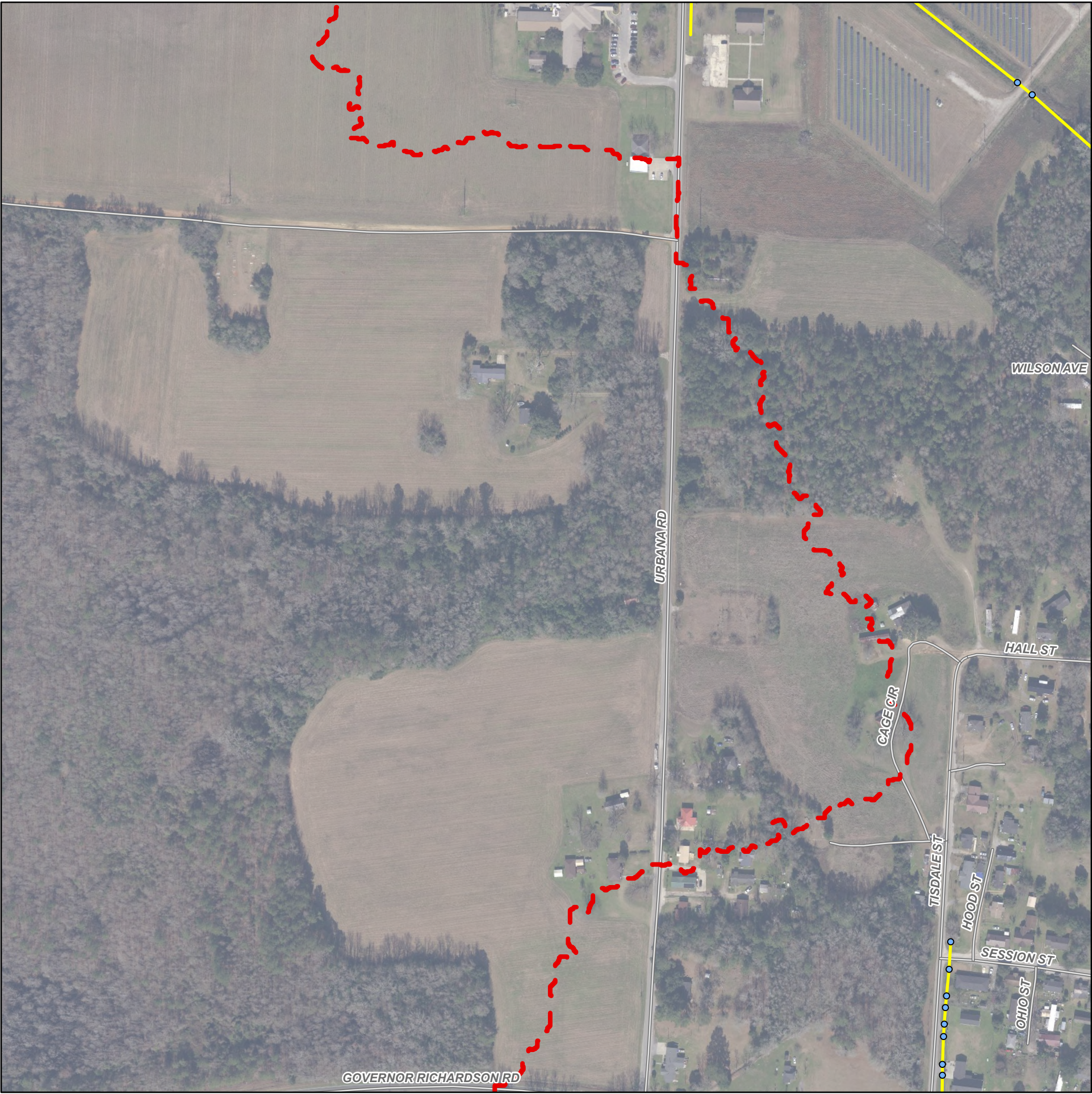
Existing Inlet/Manhole/End of Pipe

Proposed Inlet/Manhole/End of Pipe
- Pipe/Drainage Ditch Existing

Pipe/Drainage Ditch Proposed

Maximum Flood Depth
- > 3.00 ft

0.10 ft





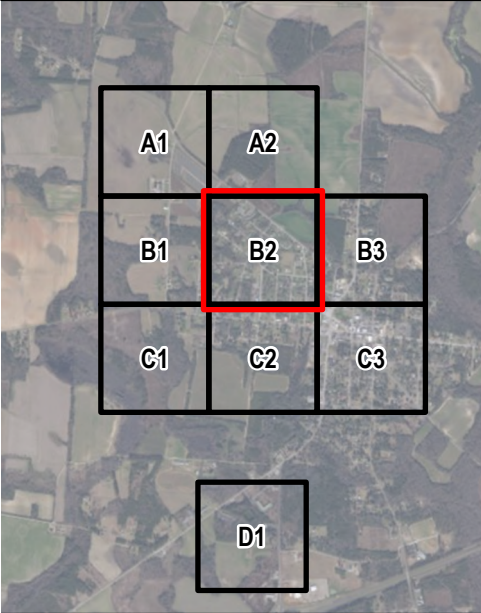
Town of Summerton | SC Office of Resilience  
Hydrologic and Hydraulic Study

Proposed Conditions Flood Analysis  
Rainfall: 2-Year SC Long (3.59")

Appendix D.5

Sector B2

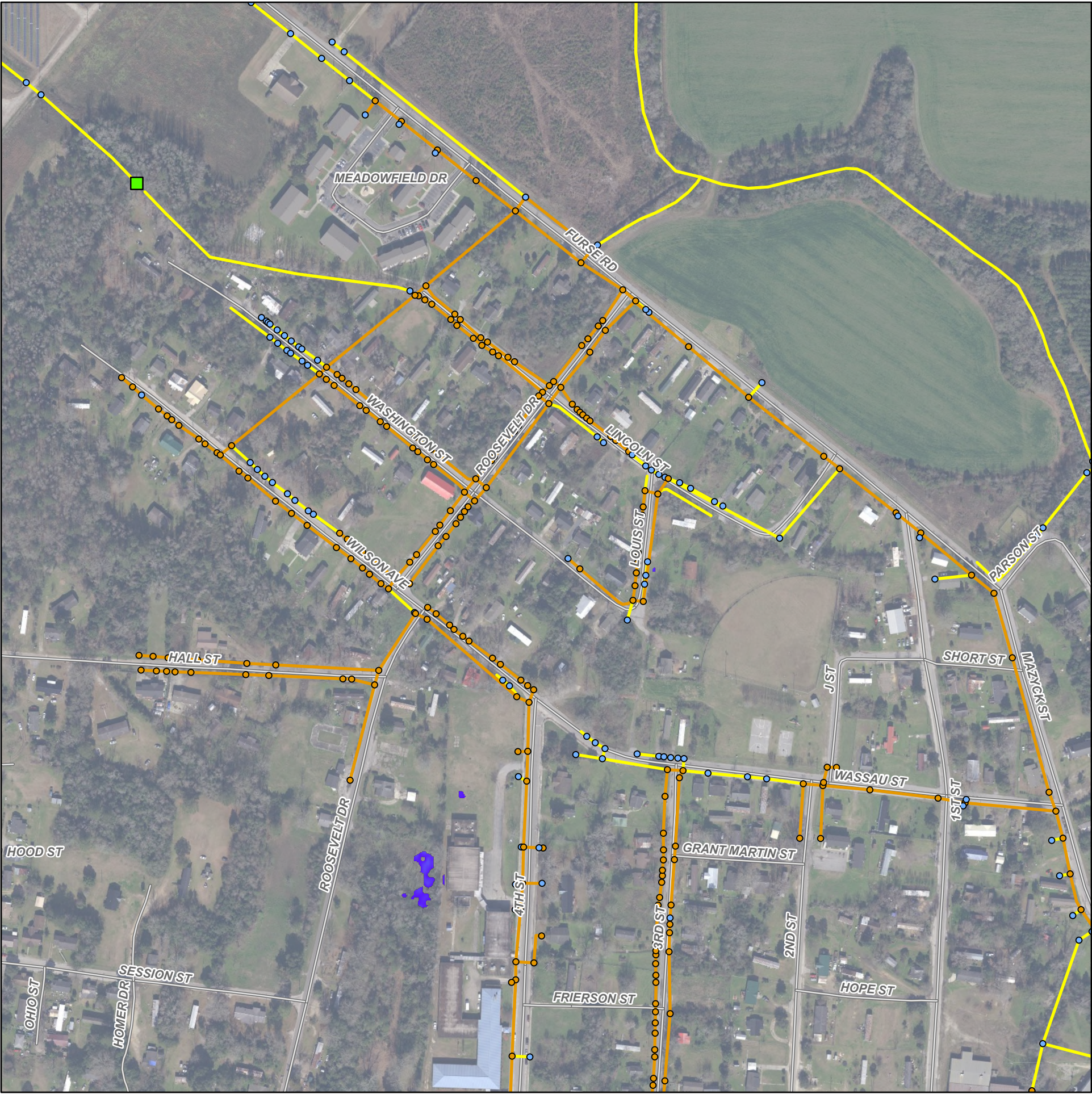
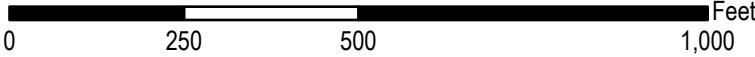
Page 4 of 9



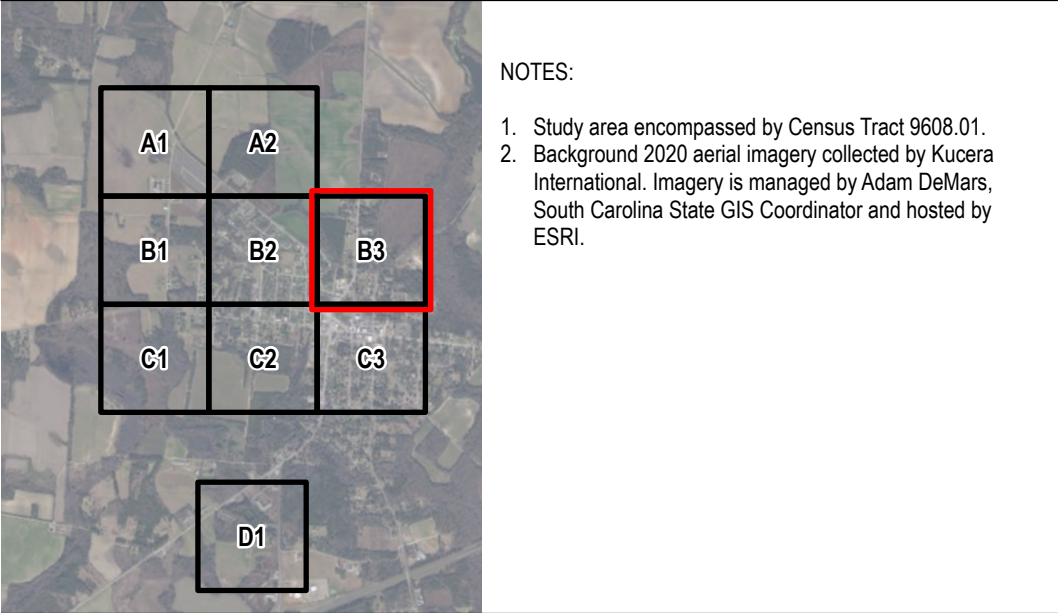
- NOTES:
- 1. Study area encompassed by Census Tract 9608.01.
  - 2. Background 2020 aerial imagery collected by Kucera International. Imagery is managed by Adam DeMars, South Carolina State GIS Coordinator and hosted by ESRI.

Legend

- |                                    |                              |
|------------------------------------|------------------------------|
| Study Boundary                     | Pipe/Drainage Ditch Existing |
| Roadway                            | Pipe/Drainage Ditch Proposed |
| Outfall                            | Maximum Flood Depth          |
| Proposed Detention Basin           | > 3.00 ft                    |
| Inlet/Manhole/End of Pipe Existing | 0.10 ft                      |
| Inlet/Manhole/End of Pipe Proposed |                              |







### Legend

Study Boundary

Roadway

Outfall

Proposed Detention Basin

Inlet/Manhole/End of Pipe

Existing

Proposed

Pipe/Drainage Ditch

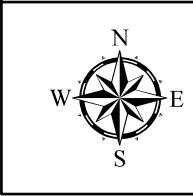
Existing

Proposed

Maximum Flood Depth

> 3.00 ft

0.10 ft



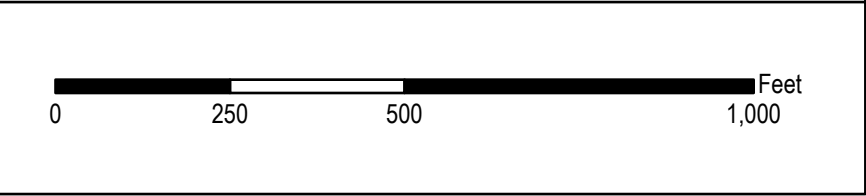
0

250

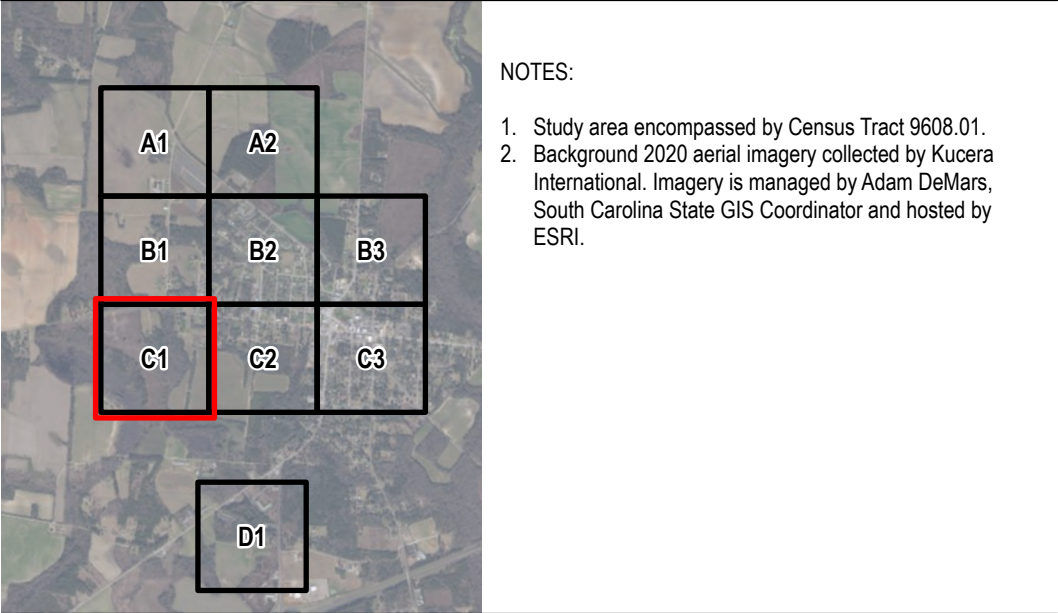
500

1,000

Feet







Legend

Study Boundary

Roadway

Outfall

Proposed Detention Basin

Inlet/Manhole/End of Pipe

Existing

Proposed

Pipe/Drainage Ditch

Existing

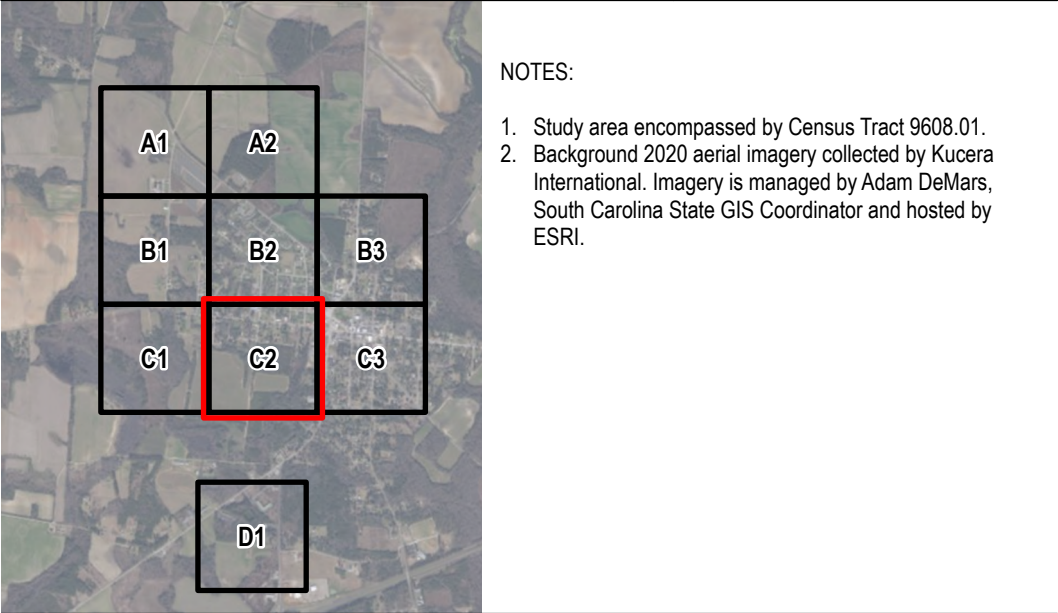
Proposed

Maximum Flood Depth

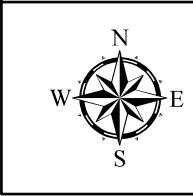
> 3.00 ft

0.10 ft

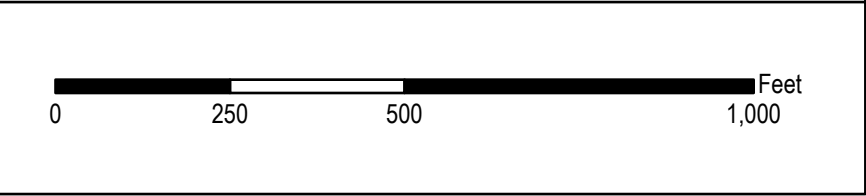




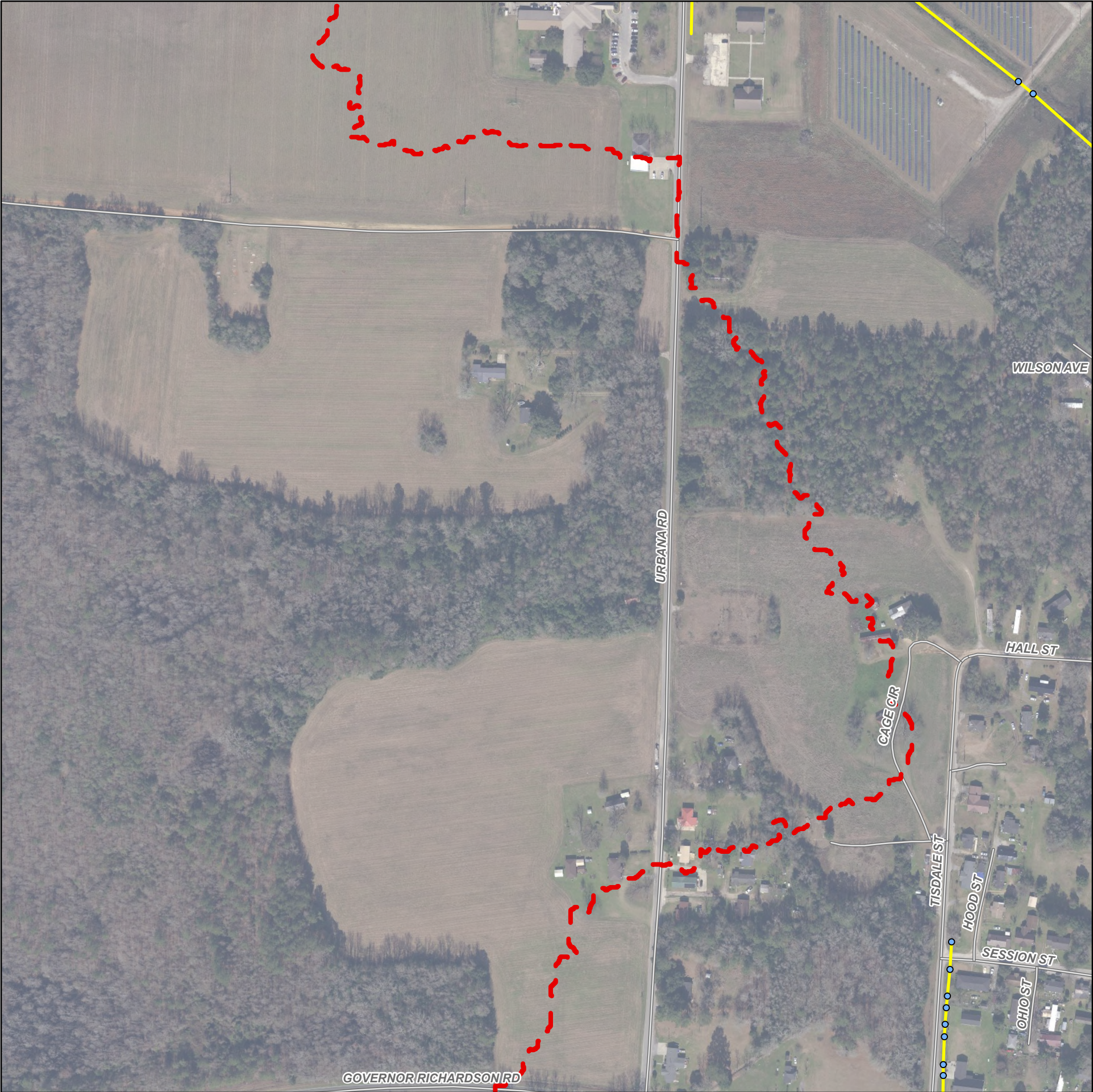
Legend




Study Boundary



Roadway




Outfall




Proposed Detention Basin

Inlet/Manhole/End of Pipe




Existing




Proposed

Pipe/Drainage Ditch




Existing

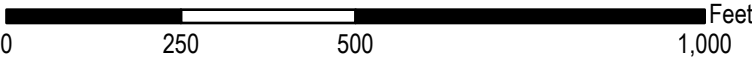



Proposed

Maximum Flood Depth



> 3.00 ft  
0.10 ft





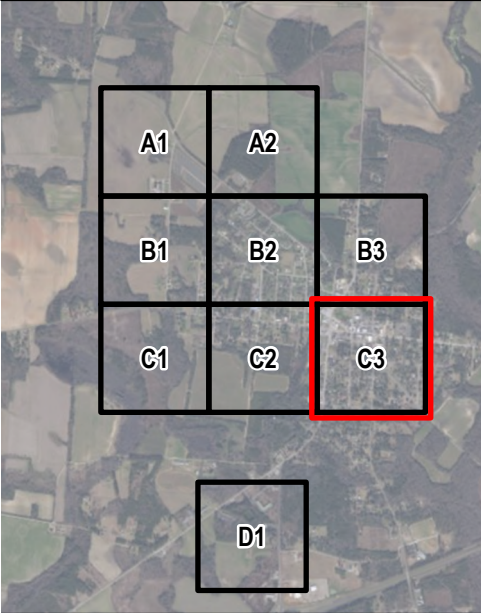
Town of Summerton | SC Office of Resilience  
Hydrologic and Hydraulic Study

Proposed Conditions Flood Analysis  
Rainfall: 2-Year SC Long (3.59")

Appendix D.5

Sector C3

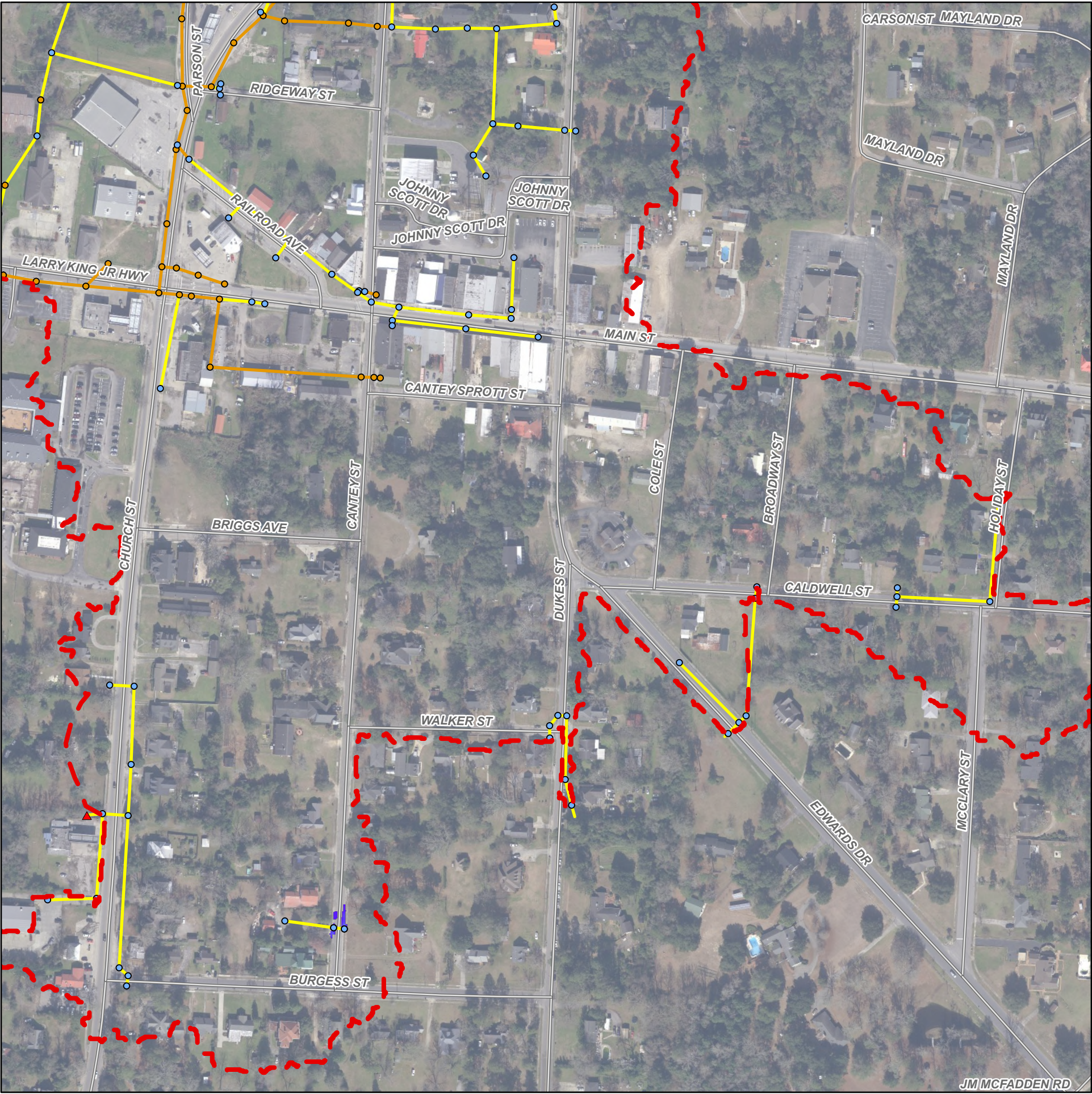
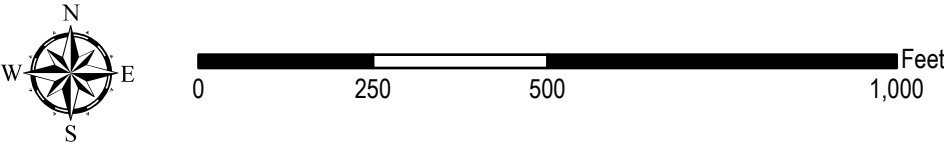
Page 8 of 9



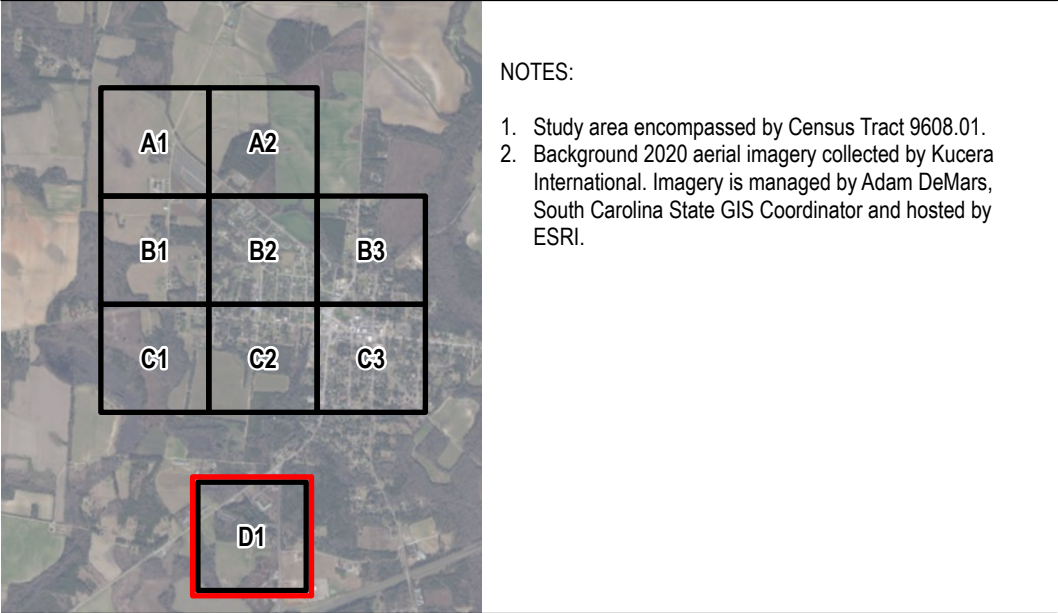
- NOTES:
- 1. Study area encompassed by Census Tract 9608.01.
  - 2. Background 2020 aerial imagery collected by Kucera International. Imagery is managed by Adam DeMars, South Carolina State GIS Coordinator and hosted by ESRI.

Legend

- Study Boundary
- Roadway
- Outfall
- Proposed Detention Basin
- Inlet/Manhole/End of Pipe Existing
- Inlet/Manhole/End of Pipe Proposed
- Pipe/Drainage Ditch Existing
- Pipe/Drainage Ditch Proposed
- Maximum Flood Depth
  - > 3.00 ft
  - 0.10 ft







### Legend

Study Boundary

Roadway

Outfall

Proposed Detention Basin

Inlet/Manhole/End of Pipe

Existing

Proposed

Pipe/Drainage Ditch

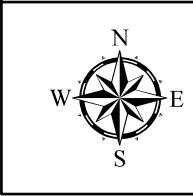
Existing

Proposed

Maximum Flood Depth

> 3.00 ft

0.10 ft



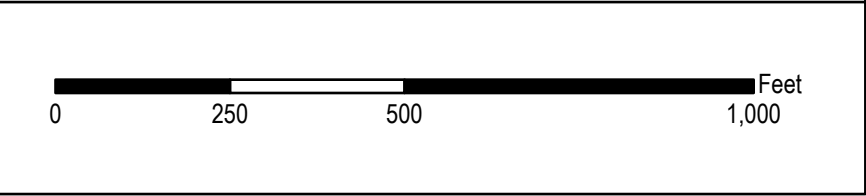
0

250

500

1,000

Feet





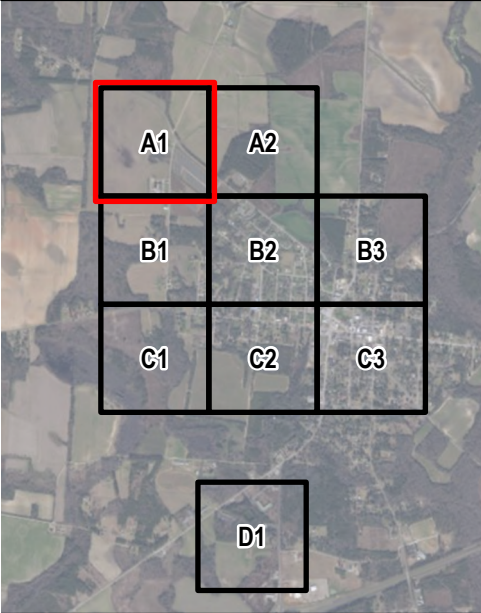
Town of Summerton | SC Office of Resilience  
Hydrologic and Hydraulic Study

Proposed Conditions Flood Analysis  
Rainfall: 10-Year SC Long (5.48")

Appendix D.6

Sector A1

Page 1 of 9



- NOTES:
- 1. Study area encompassed by Census Tract 9608.01.
  - 2. Background 2020 aerial imagery collected by Kucera International. Imagery is managed by Adam DeMars, South Carolina State GIS Coordinator and hosted by ESRI.

Legend

- Study Boundary

Roadway

Outfall

Proposed Detention Basin

Existing Inlet/Manhole/End of Pipe

Proposed Inlet/Manhole/End of Pipe
- Pipe/Drainage Ditch Existing

Pipe/Drainage Ditch Proposed

Maximum Flood Depth

> 3.00 ft

0.10 ft





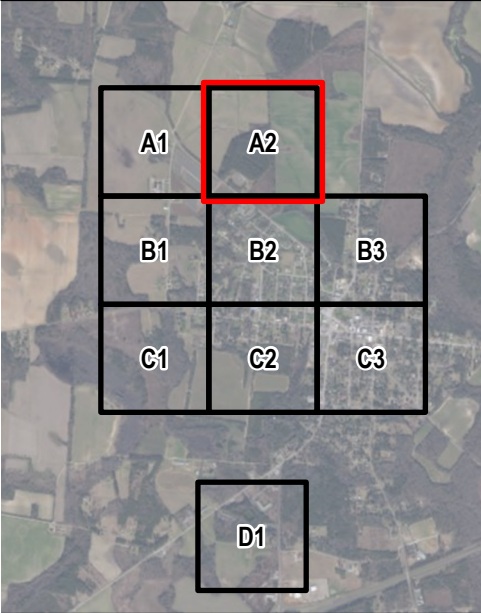
Town of Summerton | SC Office of Resilience  
Hydrologic and Hydraulic Study

Proposed Conditions Flood Analysis  
Rainfall: 10-Year SC Long (5.48")

Appendix D.6

Sector A2

Page 2 of 9



- NOTES:
- 1. Study area encompassed by Census Tract 9608.01.
  - 2. Background 2020 aerial imagery collected by Kucera International. Imagery is managed by Adam DeMars, South Carolina State GIS Coordinator and hosted by ESRI.

Legend

- Study Boundary

Roadway

Outfall

Proposed Detention Basin

Inlet/Manhole/End of Pipe Existing

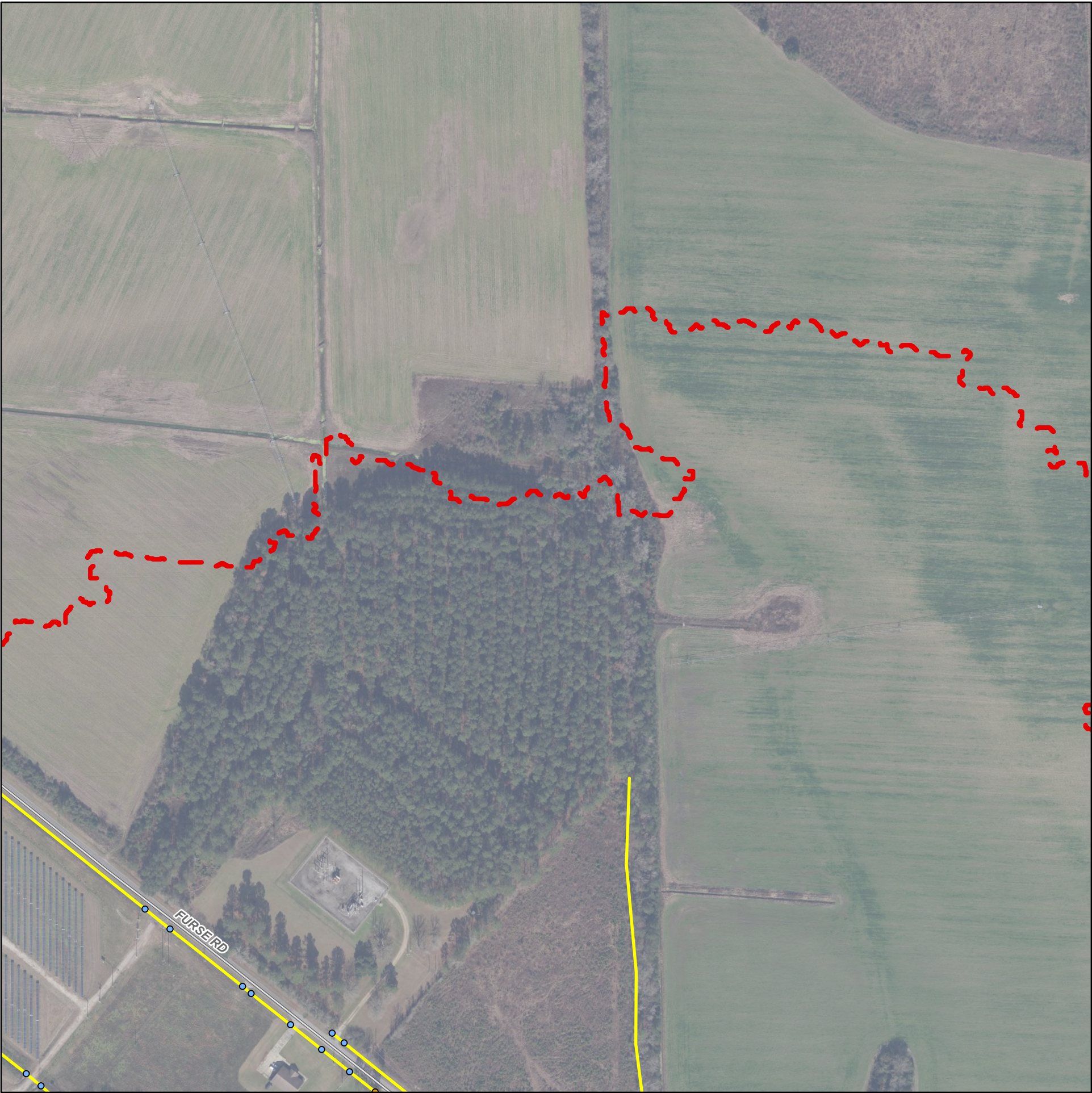
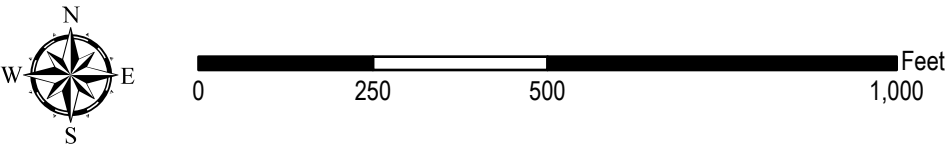
Inlet/Manhole/End of Pipe Proposed
- Pipe/Drainage Ditch Existing

Pipe/Drainage Ditch Proposed

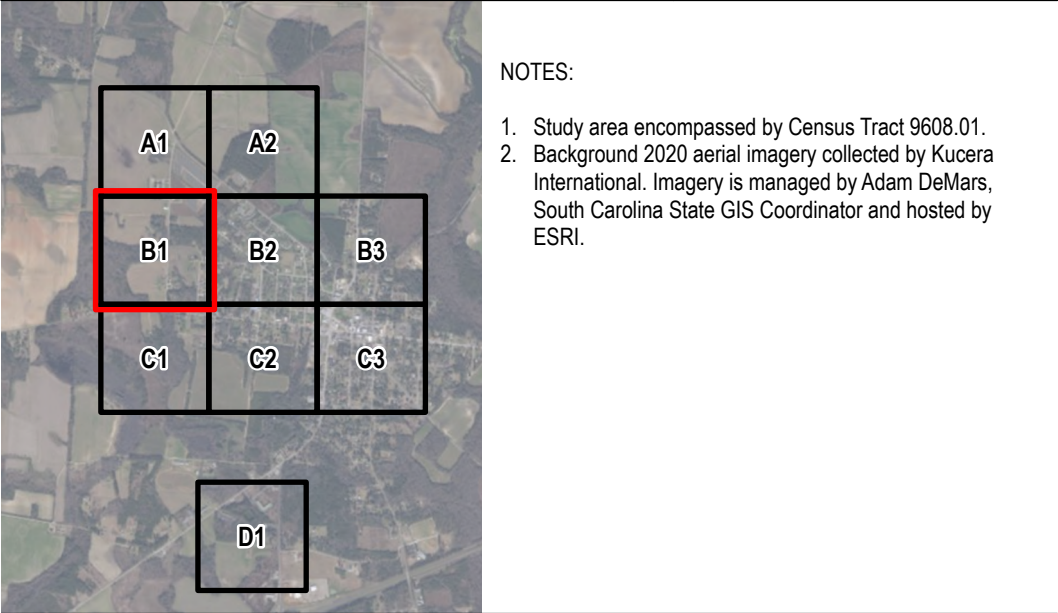
Maximum Flood Depth

> 3.00 ft

0.10 ft







### Legend

Study Boundary

Roadway

Outfall

Proposed Detention Basin

Inlet/Manhole/End of Pipe

Existing

Proposed

Pipe/Drainage Ditch

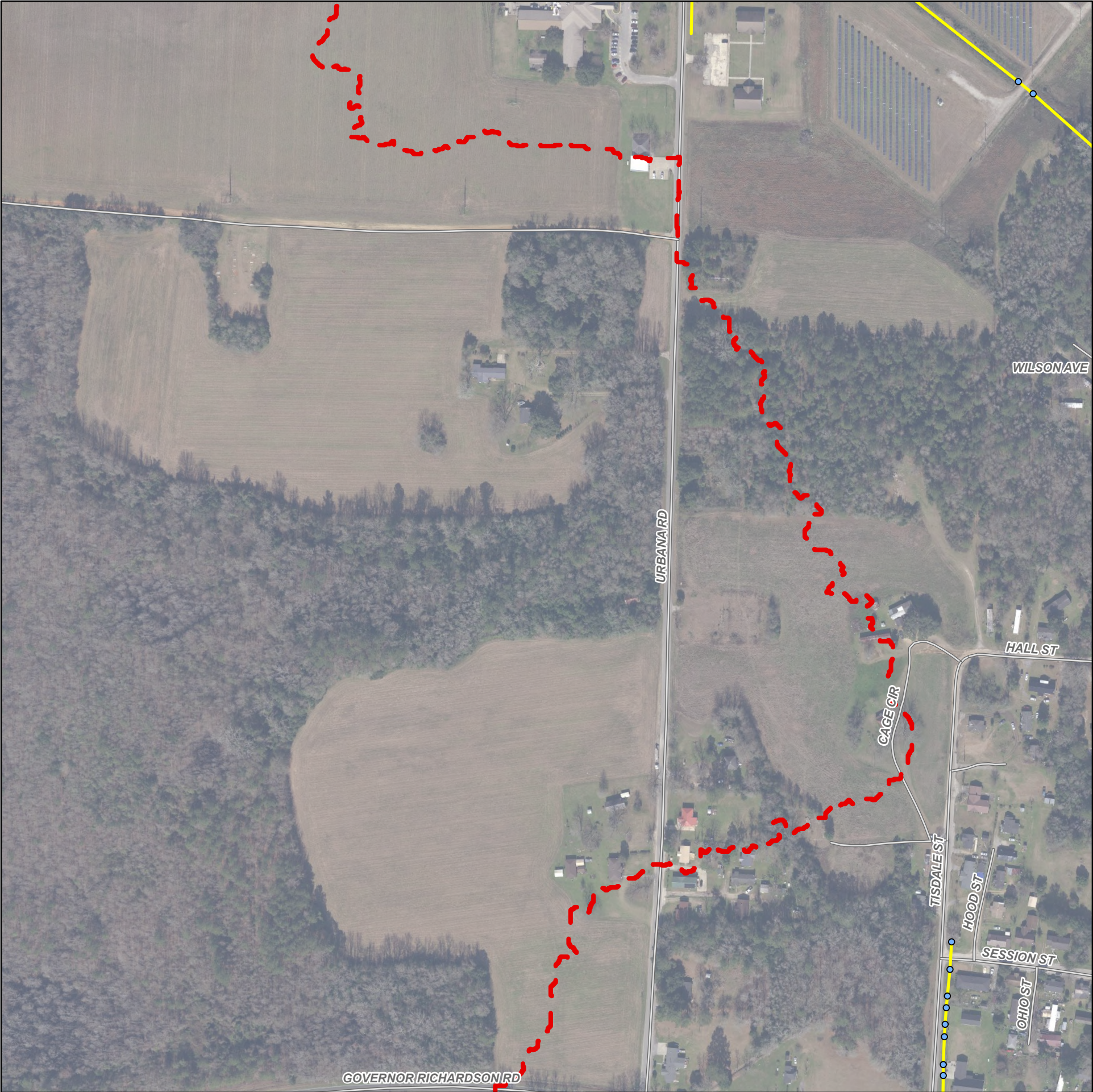
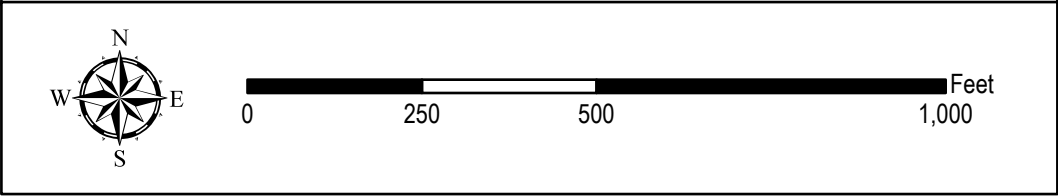
Existing

Proposed

Maximum Flood Depth

> 3.00 ft

0.10 ft





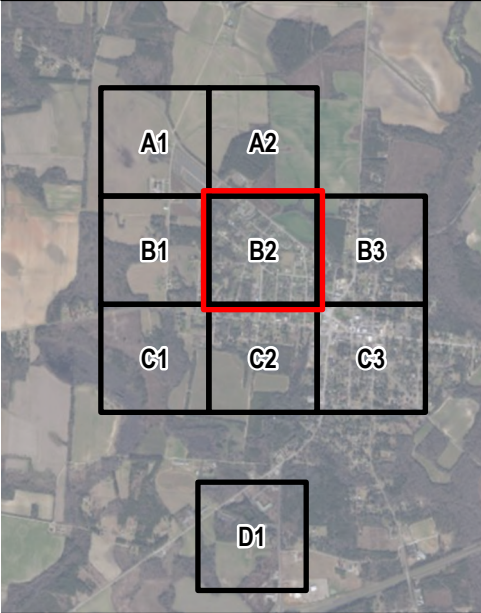
Town of Summerton | SC Office of Resilience  
Hydrologic and Hydraulic Study

Proposed Conditions Flood Analysis  
Rainfall: 10-Year SC Long (5.48")

Appendix D.6

Sector B2

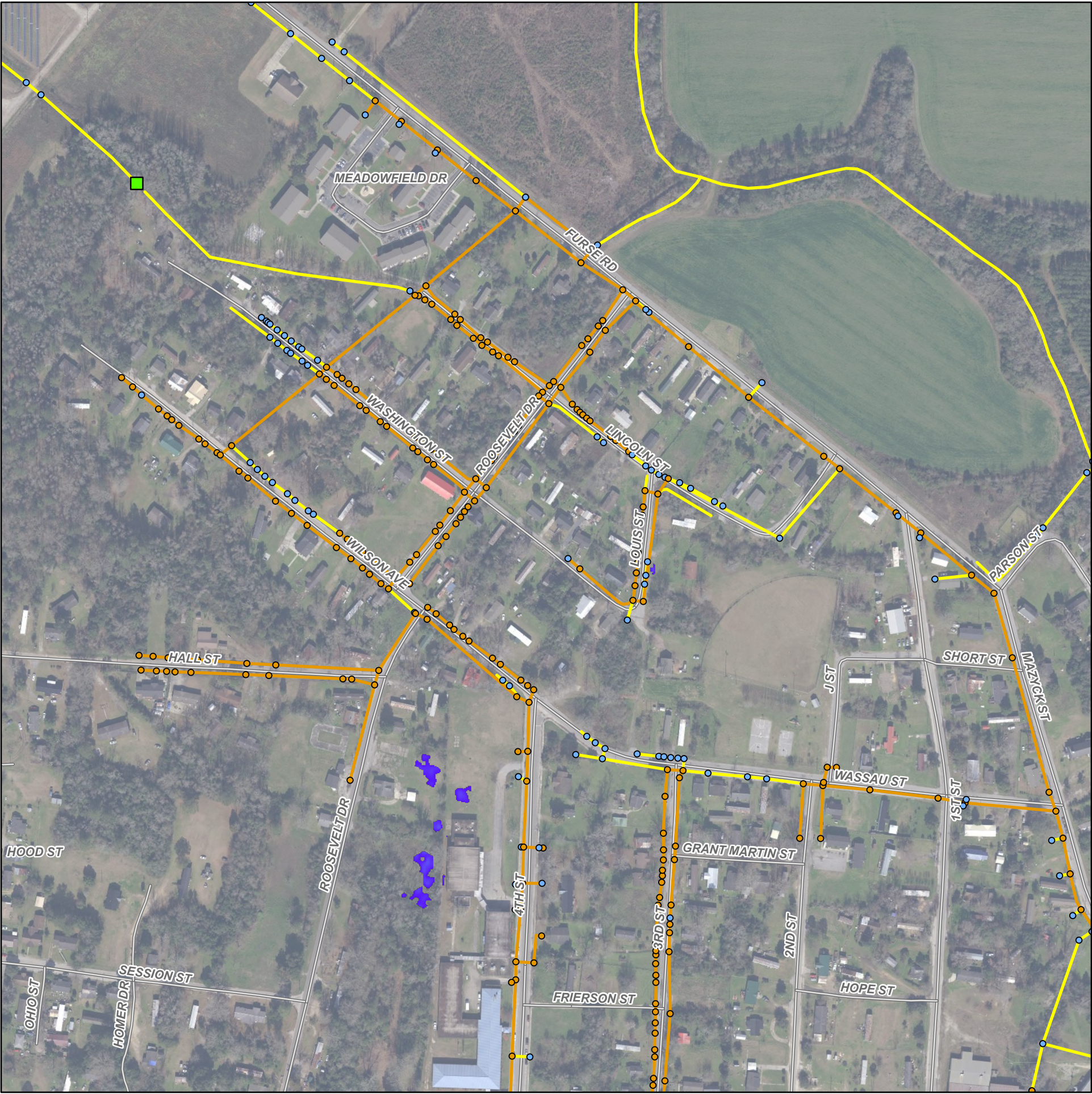
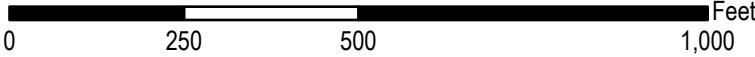
Page 4 of 9



- NOTES:
1. Study area encompassed by Census Tract 9608.01.
  2. Background 2020 aerial imagery collected by Kucera International. Imagery is managed by Adam DeMars, South Carolina State GIS Coordinator and hosted by ESRI.

Legend

- |                                    |                              |
|------------------------------------|------------------------------|
| Study Boundary                     | Pipe/Drainage Ditch Existing |
| Roadway                            | Proposed                     |
| Outfall                            | Maximum Flood Depth          |
| Proposed Detention Basin           | > 3.00 ft                    |
| Inlet/Manhole/End of Pipe Existing | 0.10 ft                      |
| Proposed                           |                              |





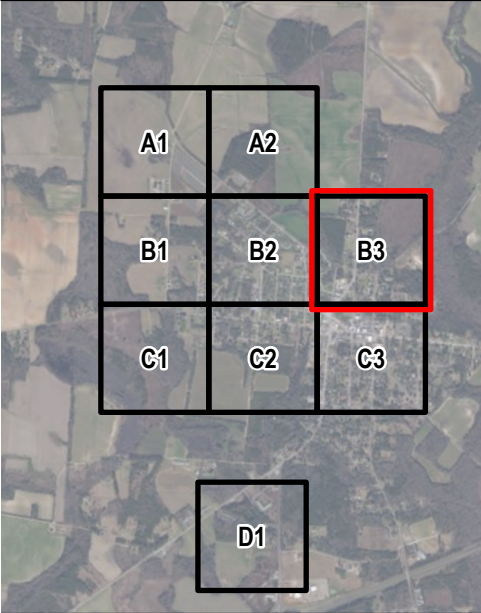
Town of Summerton | SC Office of Resilience  
Hydrologic and Hydraulic Study

Proposed Conditions Flood Analysis  
Rainfall: 10-Year SC Long (5.48")

Appendix D.6

Sector B3

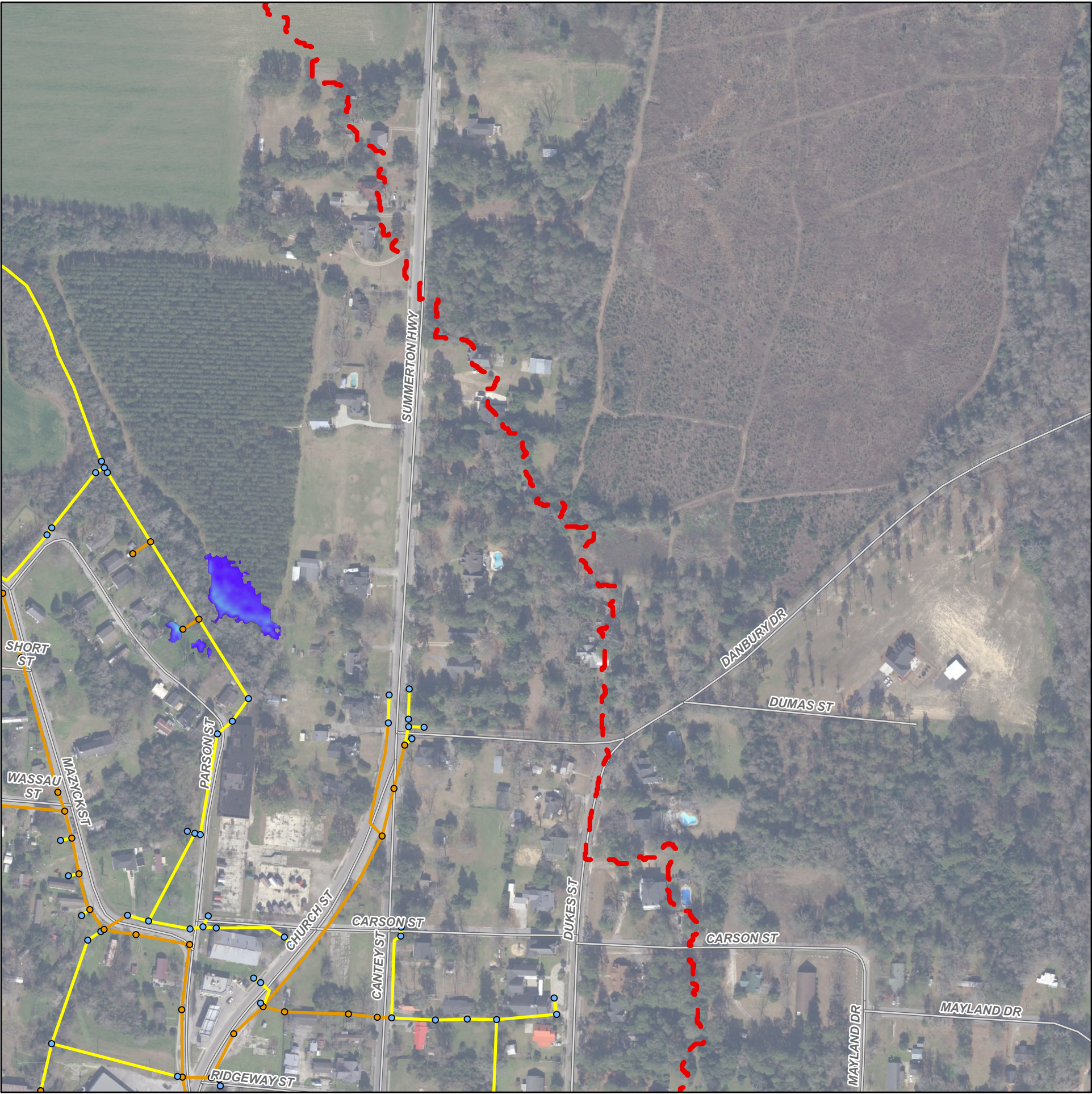
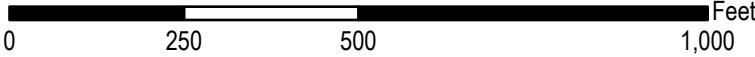
Page 5 of 9



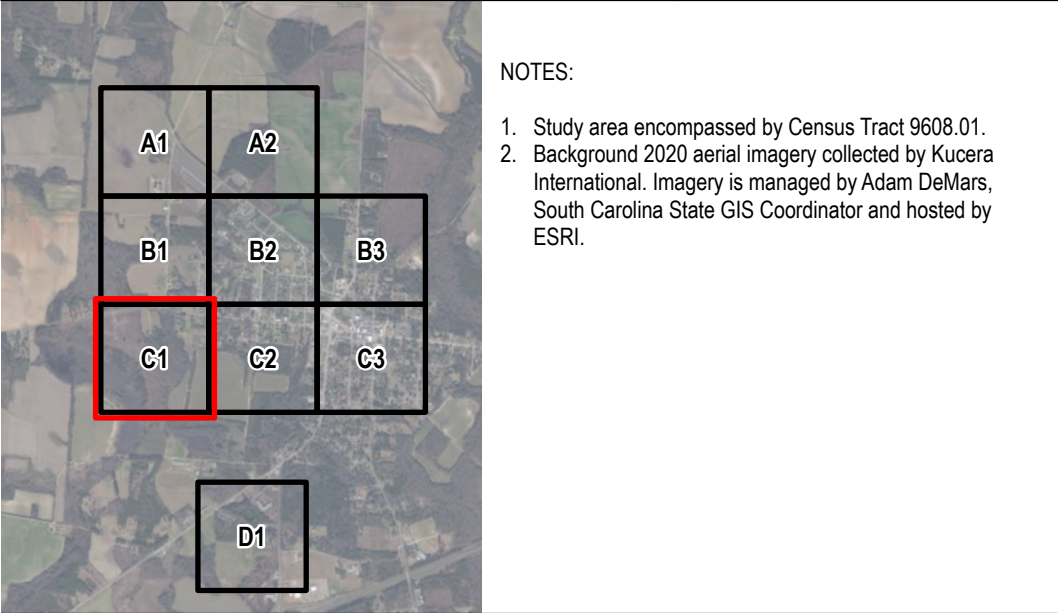
- NOTES:
- 1. Study area encompassed by Census Tract 9608.01.
  - 2. Background 2020 aerial imagery collected by Kucera International. Imagery is managed by Adam DeMars, South Carolina State GIS Coordinator and hosted by ESRI.

Legend

- Study Boundary
- Roadway
- Outfall
- Proposed Detention Basin
- Inlet/Manhole/End of Pipe Existing
- Inlet/Manhole/End of Pipe Proposed
- Pipe/Drainage Ditch Existing
- Pipe/Drainage Ditch Proposed
- Maximum Flood Depth
  - > 3.00 ft
  - 0.10 ft







Legend

Study Boundary

Roadway

Outfall

Proposed Detention Basin

Inlet/Manhole/End of Pipe Existing

Proposed

Pipe/Drainage Ditch Existing

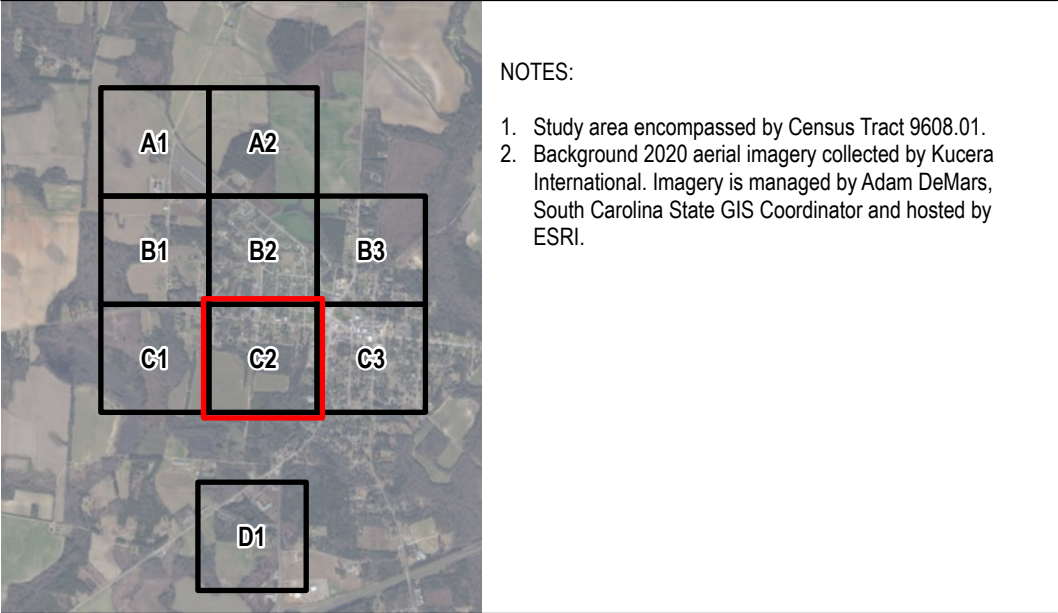
Proposed

Maximum Flood Depth

> 3.00 ft

0.10 ft





**Legend**

Study Boundary

Roadway

Outfall

Proposed Detention Basin

Inlet/Manhole/End of Pipe

Existing

Proposed

Pipe/Drainage Ditch

Existing

Proposed

Maximum Flood Depth

> 3.00 ft

0.10 ft



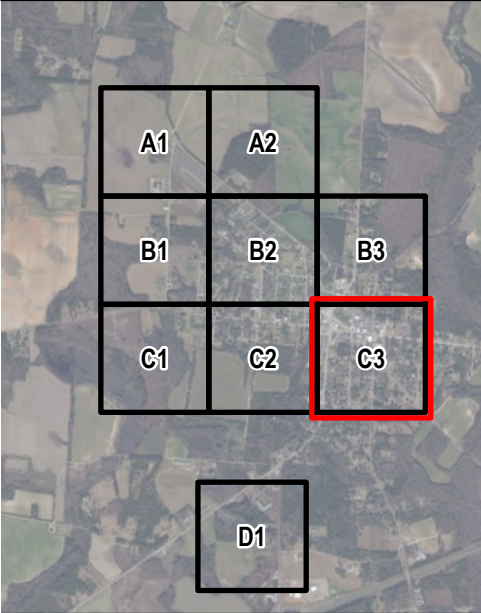
Town of Summerton | SC Office of Resilience  
Hydrologic and Hydraulic Study

Proposed Conditions Flood Analysis  
Rainfall: 10-Year SC Long (5.48")

Appendix D.6

Sector C3

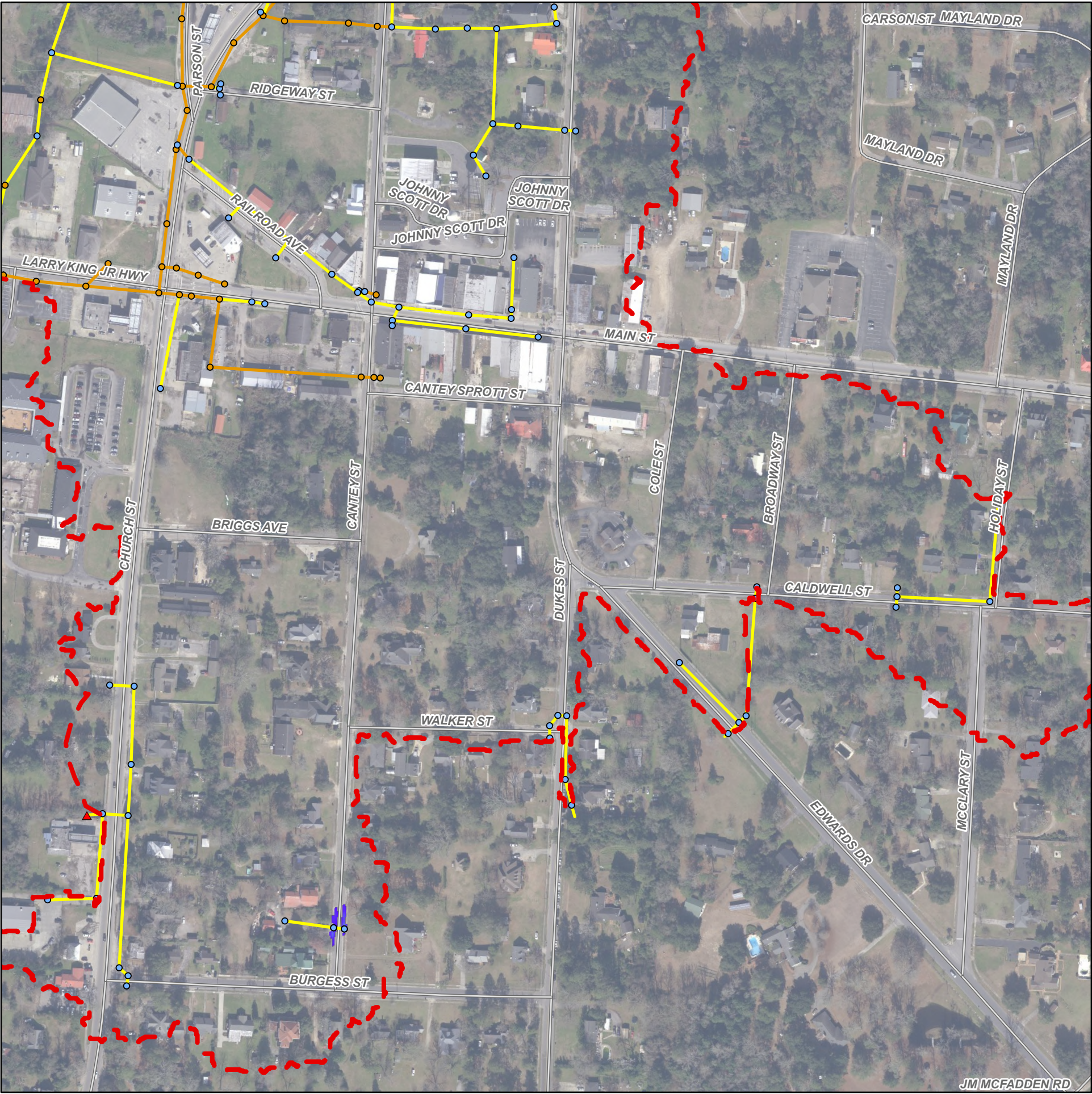
Page 8 of 9



- NOTES:
- 1. Study area encompassed by Census Tract 9608.01.
  - 2. Background 2020 aerial imagery collected by Kucera International. Imagery is managed by Adam DeMars, South Carolina State GIS Coordinator and hosted by ESRI.

Legend

- Study Boundary
- Roadway
- Outfall
- Proposed Detention Basin
- Inlet/Manhole/End of Pipe Existing
- Inlet/Manhole/End of Pipe Proposed
- Pipe/Drainage Ditch Existing
- Pipe/Drainage Ditch Proposed
- Maximum Flood Depth
  - > 3.00 ft
  - 0.10 ft





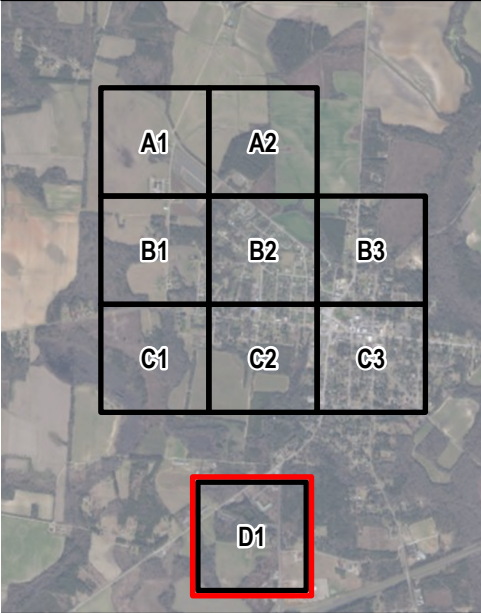
Town of Summerton | SC Office of Resilience  
Hydrologic and Hydraulic Study

Proposed Conditions Flood Analysis  
Rainfall: 10-Year SC Long (5.48")

Appendix D.6

Sector D1

Page 9 of 9



- NOTES:
- 1. Study area encompassed by Census Tract 9608.01.
  - 2. Background 2020 aerial imagery collected by Kucera International. Imagery is managed by Adam DeMars, South Carolina State GIS Coordinator and hosted by ESRI.

Legend

- Study Boundary
- Roadway
- Outfall
- Proposed Detention Basin
- Inlet/Manhole/End of Pipe Existing
- Inlet/Manhole/End of Pipe Proposed
- Pipe/Drainage Ditch Existing
- Pipe/Drainage Ditch Proposed
- Maximum Flood Depth
  - > 3.00 ft
  - 0.10 ft





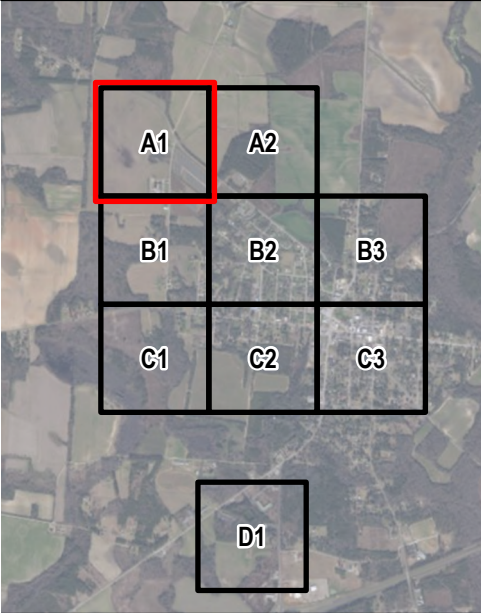
Town of Summerton | SC Office of Resilience  
Hydrologic and Hydraulic Study

Proposed Conditions Flood Analysis  
Rainfall: 25-Year SC Long (6.80")

Appendix D.7

Sector A1

Page 1 of 9



- NOTES:
- 1. Study area encompassed by Census Tract 9608.01.
  - 2. Background 2020 aerial imagery collected by Kucera International. Imagery is managed by Adam DeMars, South Carolina State GIS Coordinator and hosted by ESRI.

Legend

- Study Boundary

Roadway

Outfall

Proposed Detention Basin

Inlet/Manhole/End of Pipe Existing

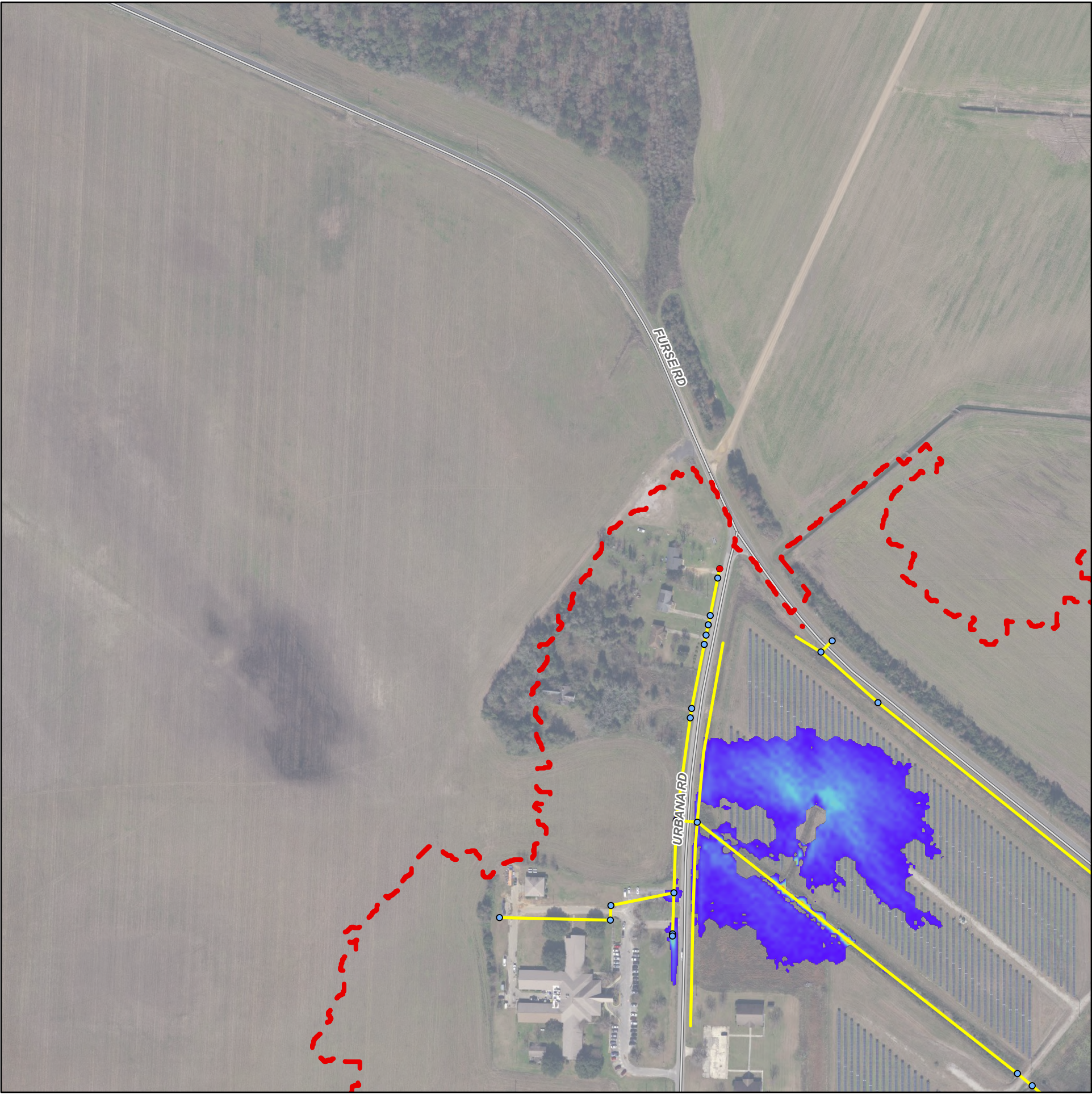
Inlet/Manhole/End of Pipe Proposed
- Pipe/Drainage Ditch Existing

Pipe/Drainage Ditch Proposed

Maximum Flood Depth

> 3.00 ft

0.10 ft





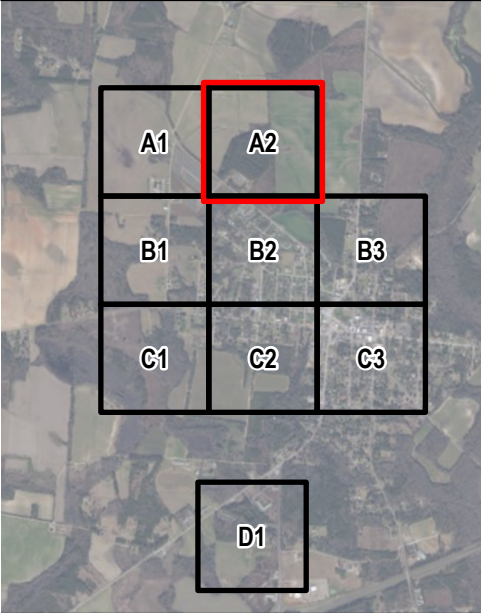
Town of Summerton | SC Office of Resilience  
Hydrologic and Hydraulic Study

Proposed Conditions Flood Analysis  
Rainfall: 25-Year SC Long (6.80")

Appendix D.7

Sector A2

Page 2 of 9



- NOTES:
- 1. Study area encompassed by Census Tract 9608.01.
  - 2. Background 2020 aerial imagery collected by Kucera International. Imagery is managed by Adam DeMars, South Carolina State GIS Coordinator and hosted by ESRI.

Legend

- Study Boundary

Roadway

Outfall

Proposed Detention Basin

Existing Inlet/Manhole/End of Pipe

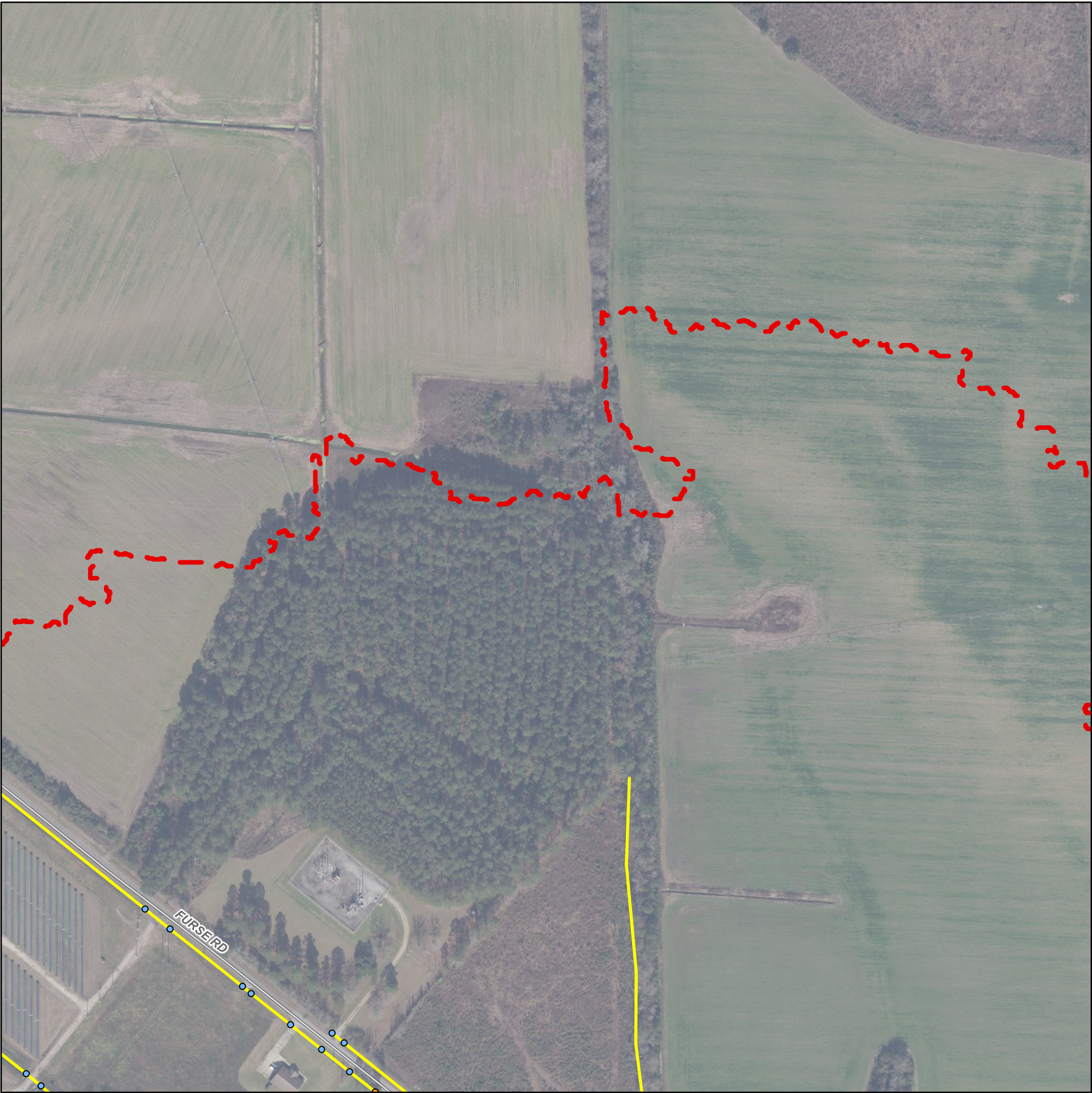
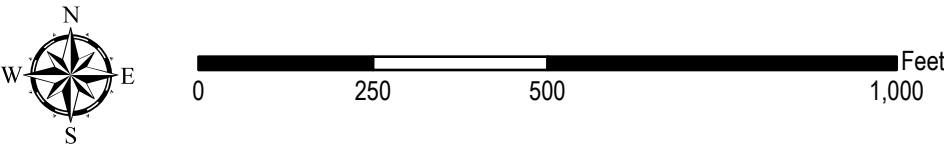
Proposed Inlet/Manhole/End of Pipe
- Existing Pipe/Drainage Ditch

Proposed Pipe/Drainage Ditch

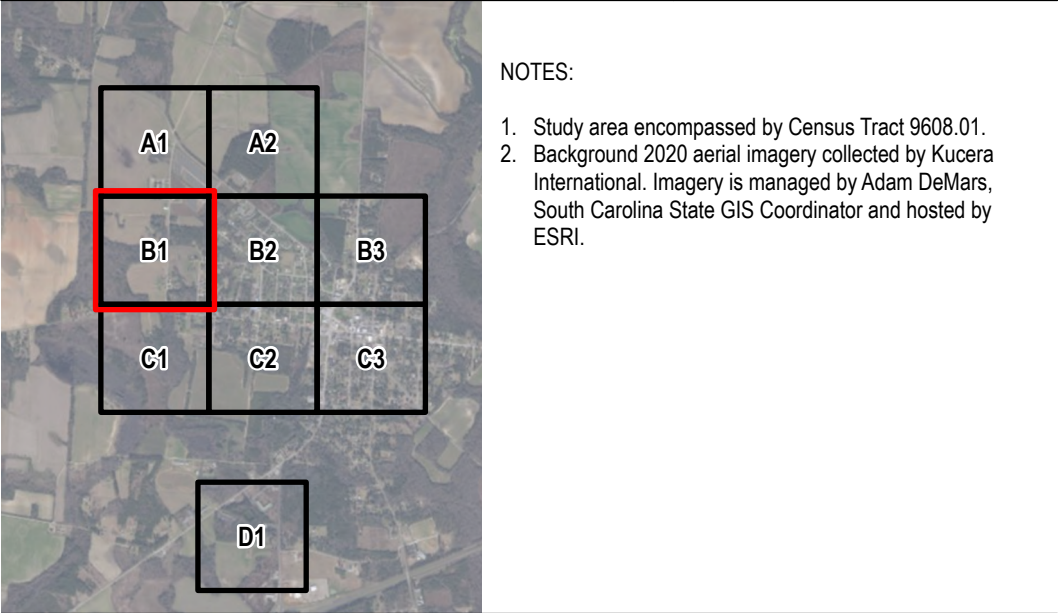
Maximum Flood Depth

> 3.00 ft

0.10 ft







### Legend

Study Boundary

Roadway

Outfall

Proposed Detention Basin

Inlet/Manhole/End of Pipe

Existing

Proposed

Pipe/Drainage Ditch

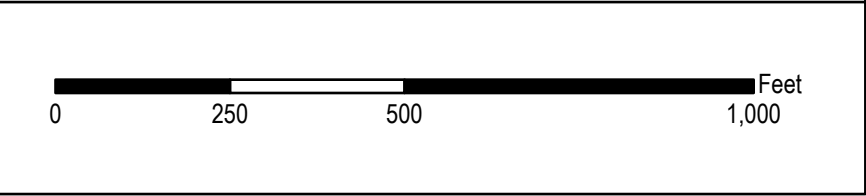
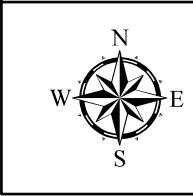
Existing

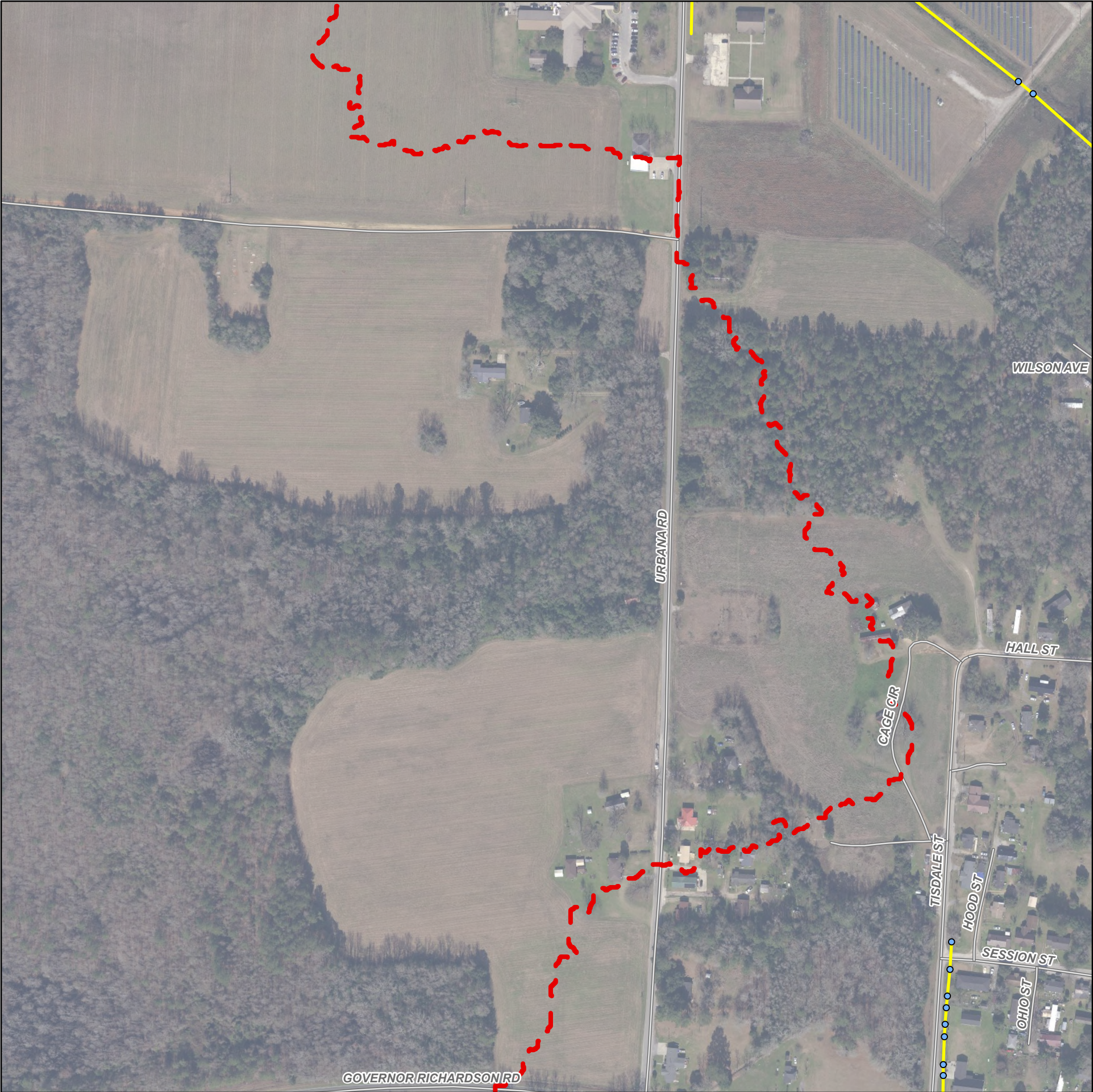
Proposed

Maximum Flood Depth

> 3.00 ft

0.10 ft







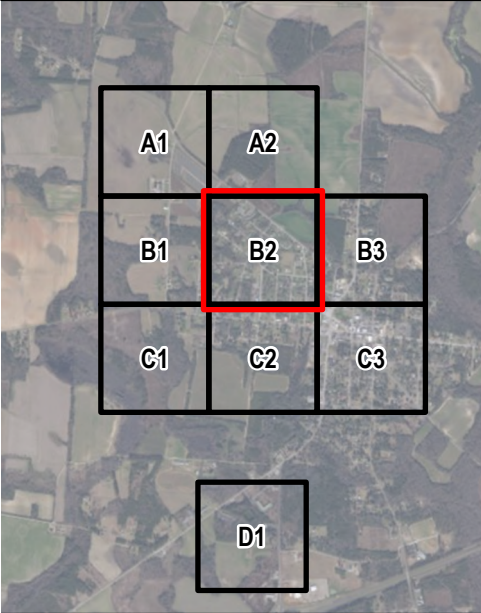
Town of Summerton | SC Office of Resilience  
Hydrologic and Hydraulic Study

Proposed Conditions Flood Analysis  
Rainfall: 25-Year SC Long (6.80")

Appendix D.7

Sector B2

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- NOTES:
1. Study area encompassed by Census Tract 9608.01.
  2. Background 2020 aerial imagery collected by Kucera International. Imagery is managed by Adam DeMars, South Carolina State GIS Coordinator and hosted by ESRI.

Legend

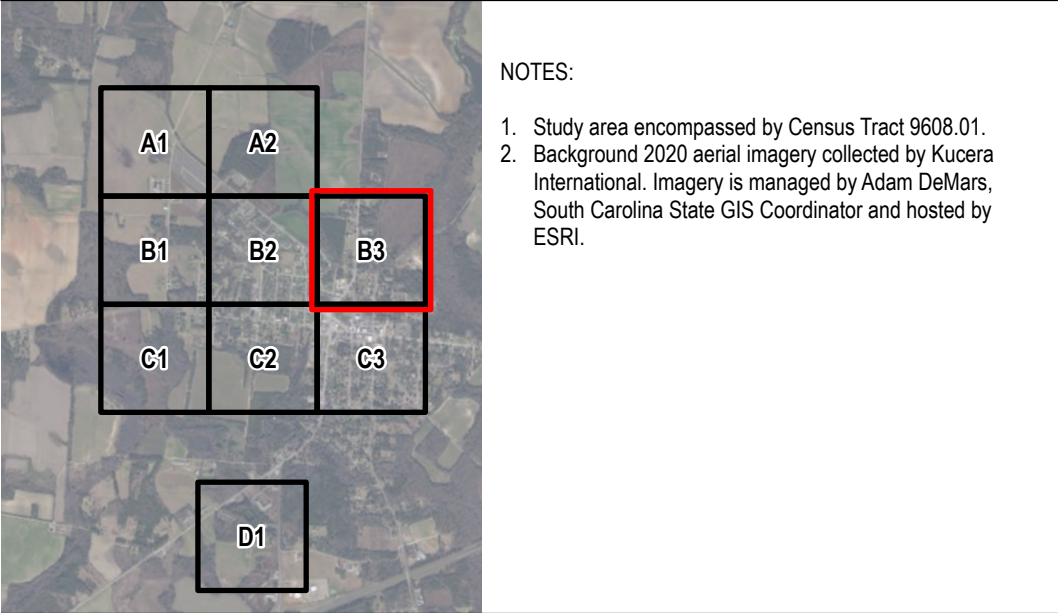
- Study Boundary
- Roadway
- Outfall
- Proposed Detention Basin
- Inlet/Manhole/End of Pipe
- Pipe/Drainage Ditch
- Existing
- Proposed
- Maximum Flood Depth
- > 3.00 ft
- 0.10 ft



0 250 500 1,000 Feet







Legend

Study Boundary

Roadway

Outfall

Proposed Detention Basin

Inlet/Manhole/End of Pipe

Existing

Proposed

Pipe/Drainage Ditch

Existing

Proposed

Maximum Flood Depth

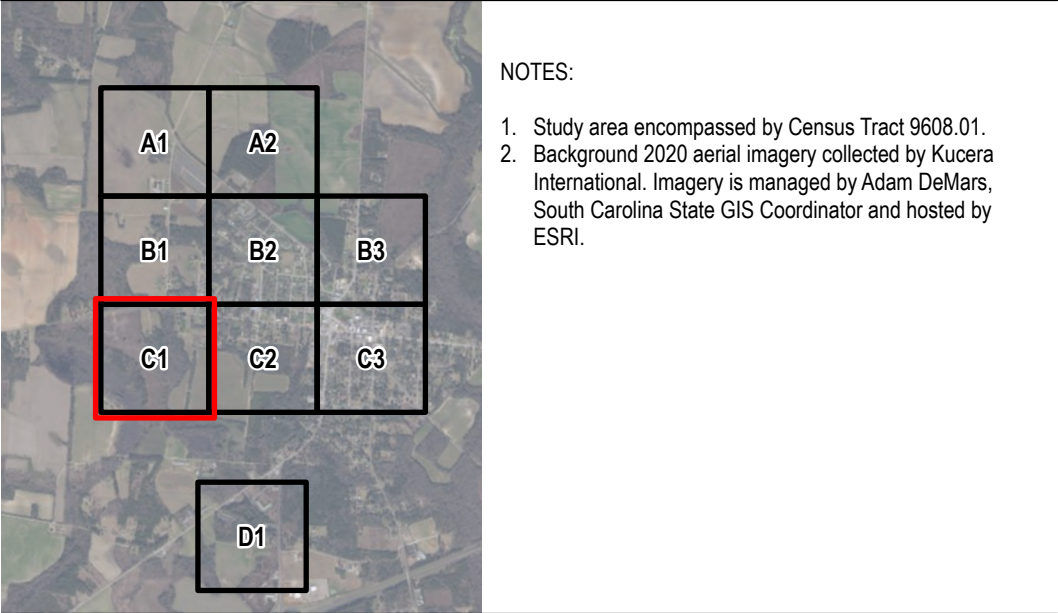
> 3.00 ft

0.10 ft

02505001,000

Feet





Legend

Study Boundary

Roadway

Outfall

Proposed Detention Basin

Existing Inlet/Manhole/End of Pipe

Proposed Inlet/Manhole/End of Pipe

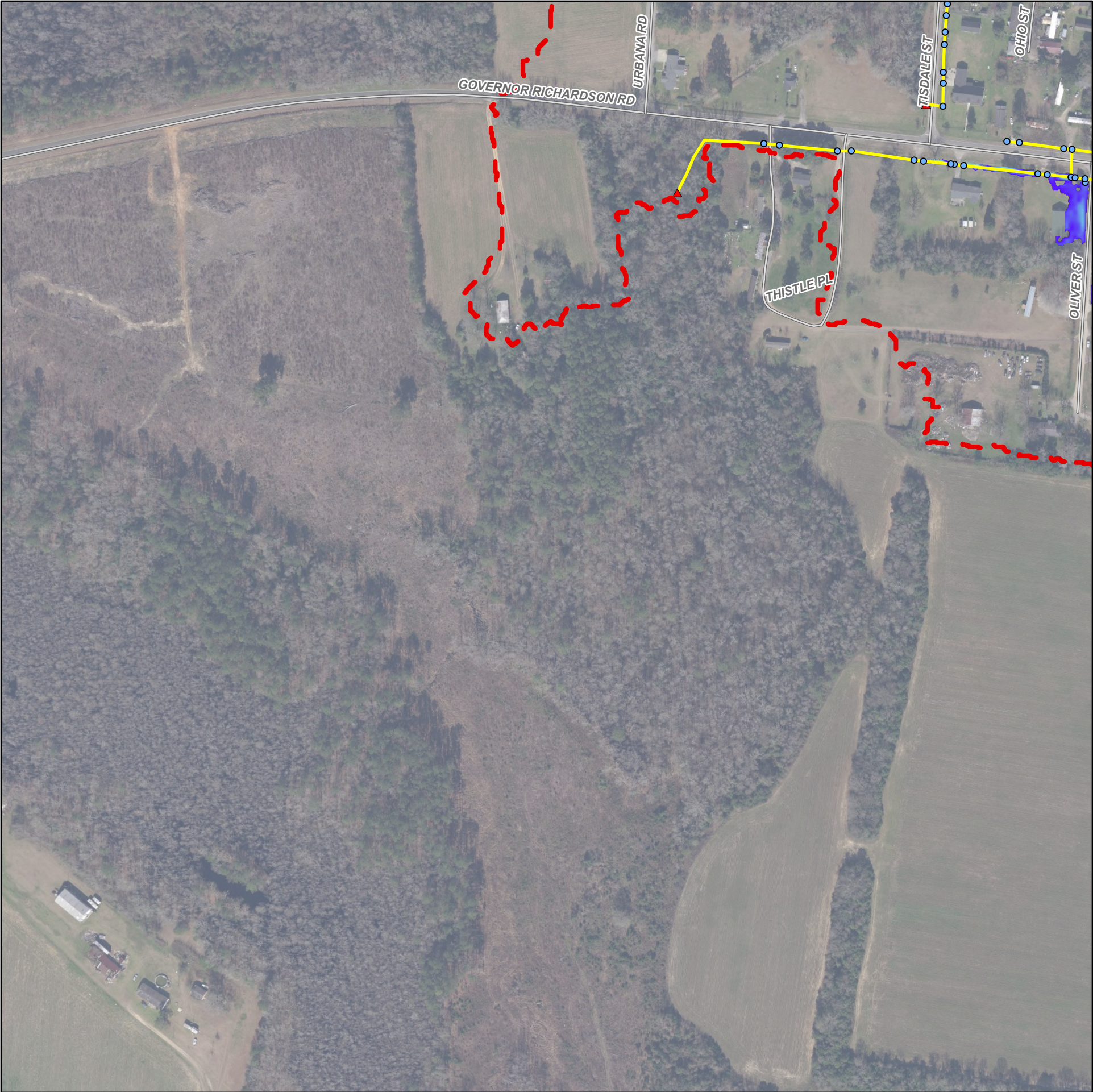
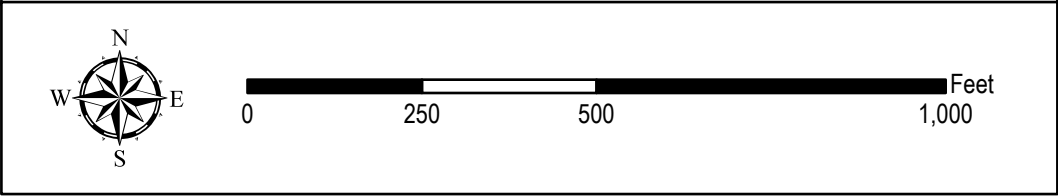
Existing Pipe/Drainage Ditch

Proposed Pipe/Drainage Ditch

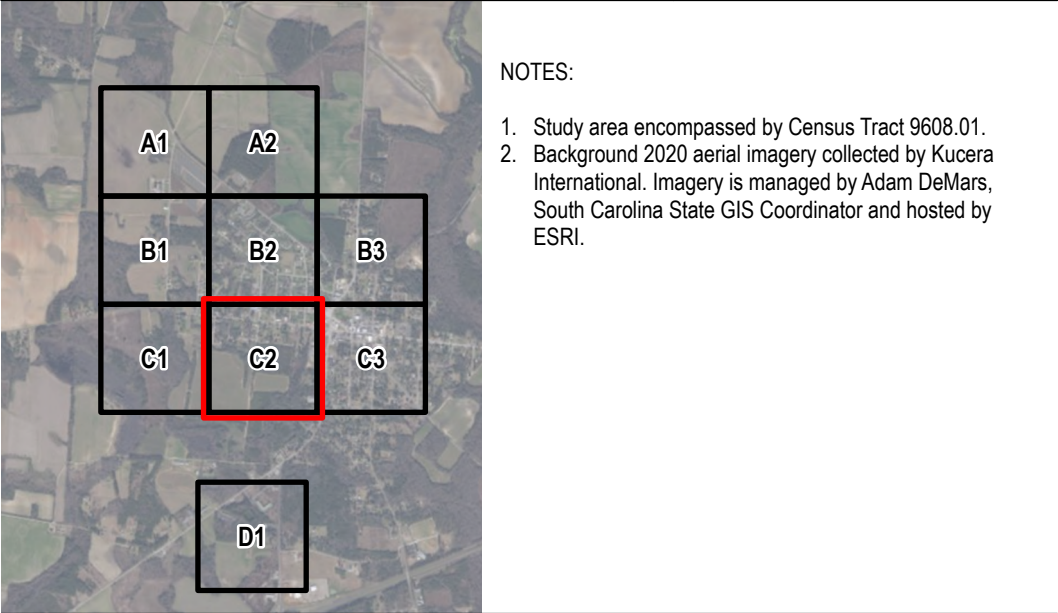
Maximum Flood Depth

> 3.00 ft

0.10 ft







Legend

Study Boundary

Roadway

Outfall

Proposed Detention Basin

Inlet/Manhole/End of Pipe

Existing

Proposed

Pipe/Drainage Ditch

Existing

Proposed

Maximum Flood Depth

> 3.00 ft

0.10 ft



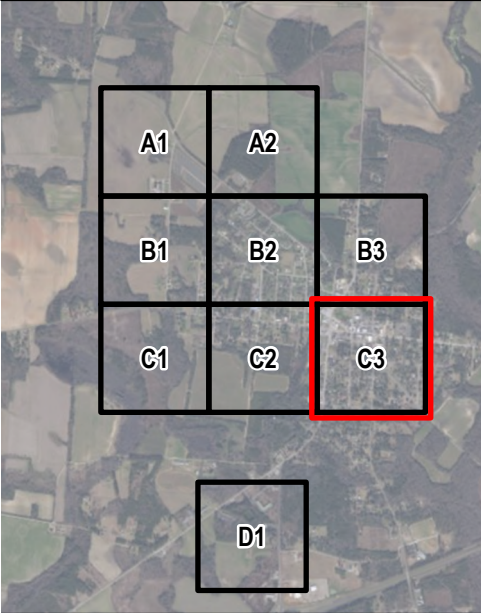
Town of Summerton | SC Office of Resilience  
Hydrologic and Hydraulic Study

Proposed Conditions Flood Analysis  
Rainfall: 25-Year SC Long (6.80")

Appendix D.7

Sector C3

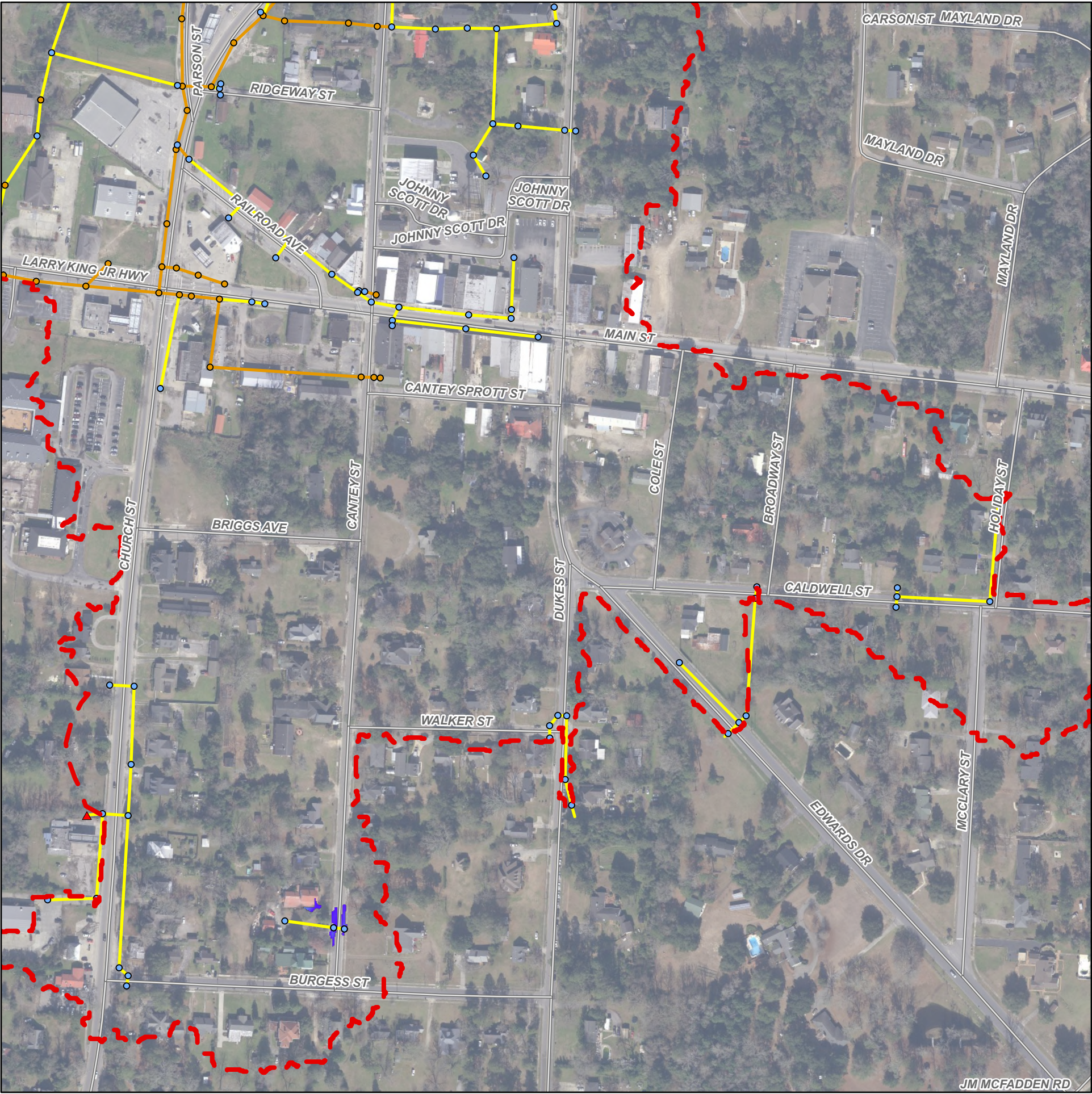
Page 8 of 9



- NOTES:
- 1. Study area encompassed by Census Tract 9608.01.
  - 2. Background 2020 aerial imagery collected by Kucera International. Imagery is managed by Adam DeMars, South Carolina State GIS Coordinator and hosted by ESRI.

Legend

- Study Boundary
- Roadway
- Outfall
- Proposed Detention Basin
- Existing Inlet/Manhole/End of Pipe
- Proposed Inlet/Manhole/End of Pipe
- Existing Pipe/Drainage Ditch
- Proposed Pipe/Drainage Ditch
- Maximum Flood Depth
  - > 3.00 ft
  - 0.10 ft





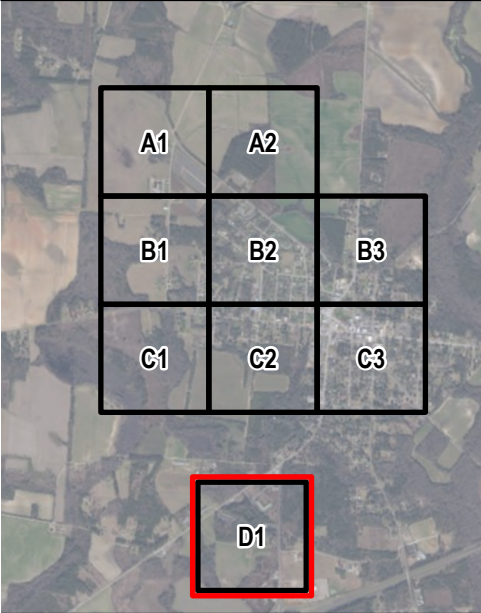
Town of Summerton | SC Office of Resilience  
Hydrologic and Hydraulic Study

Proposed Conditions Flood Analysis  
Rainfall: 25-Year SC Long (6.80")

Appendix D.7

Sector D1

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- NOTES:
- 1. Study area encompassed by Census Tract 9608.01.
  - 2. Background 2020 aerial imagery collected by Kucera International. Imagery is managed by Adam DeMars, South Carolina State GIS Coordinator and hosted by ESRI.

Legend

- Study Boundary
- Roadway
- Outfall
- Proposed Detention Basin
- Inlet/Manhole/End of Pipe Existing
- Inlet/Manhole/End of Pipe Proposed
- Pipe/Drainage Ditch Existing
- Pipe/Drainage Ditch Proposed
- Maximum Flood Depth
  - > 3.00 ft
  - 0.10 ft





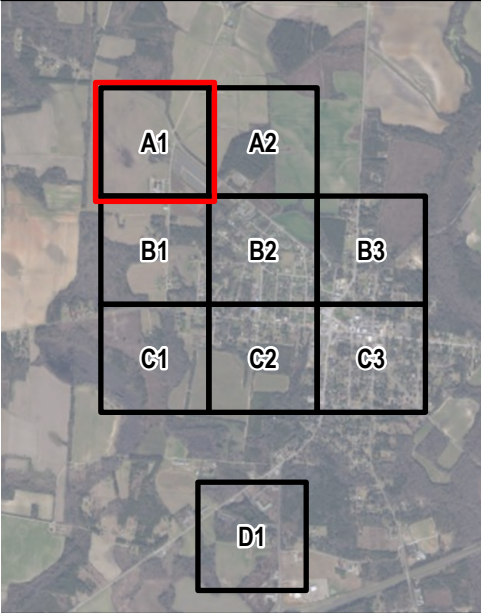
Town of Summerton | SC Office of Resilience  
Hydrologic and Hydraulic Study

Proposed Conditions Flood Analysis  
Rainfall: 100-Year SC Long (9.24")

Appendix D.8

Sector A1

Page 1 of 9



- NOTES:
- 1. Study area encompassed by Census Tract 9608.01.
  - 2. Background 2020 aerial imagery collected by Kucera International. Imagery is managed by Adam DeMars, South Carolina State GIS Coordinator and hosted by ESRI.

Legend

- Study Boundary

Roadway

Outfall

Proposed Detention Basin

Inlet/Manhole/End of Pipe

Existing

Proposed
- Pipe/Drainage Ditch

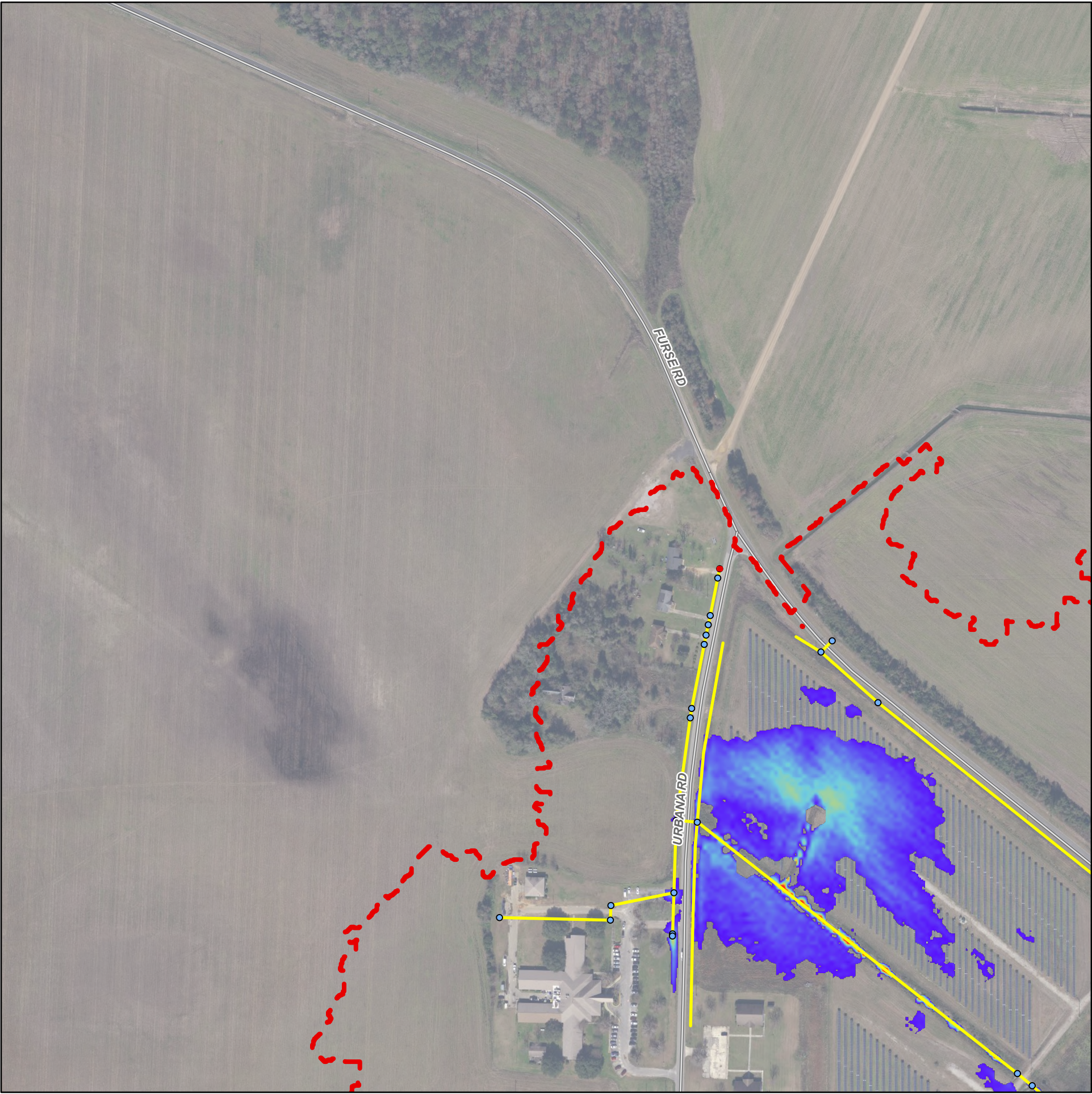
Existing

Proposed

Maximum Flood Depth

> 3.00 ft

0.10 ft





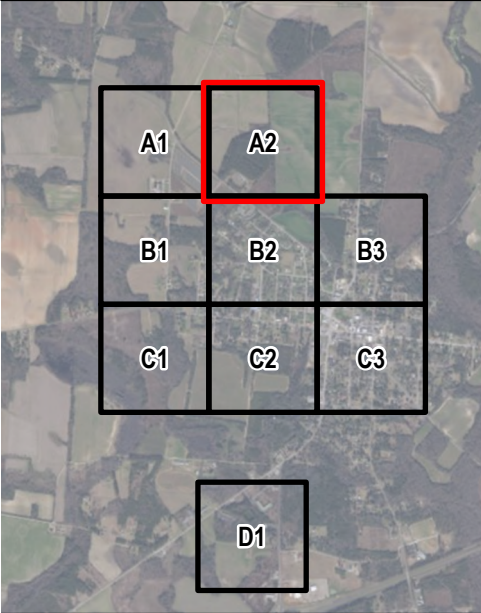
Town of Summerton | SC Office of Resilience  
Hydrologic and Hydraulic Study

Proposed Conditions Flood Analysis  
Rainfall: 100-Year SC Long (9.24")

Appendix D.8

Sector A2

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- NOTES:
- 1. Study area encompassed by Census Tract 9608.01.
  - 2. Background 2020 aerial imagery collected by Kucera International. Imagery is managed by Adam DeMars, South Carolina State GIS Coordinator and hosted by ESRI.

Legend

- Study Boundary

Roadway

Outfall

Proposed Detention Basin

Inlet/Manhole/End of Pipe Existing

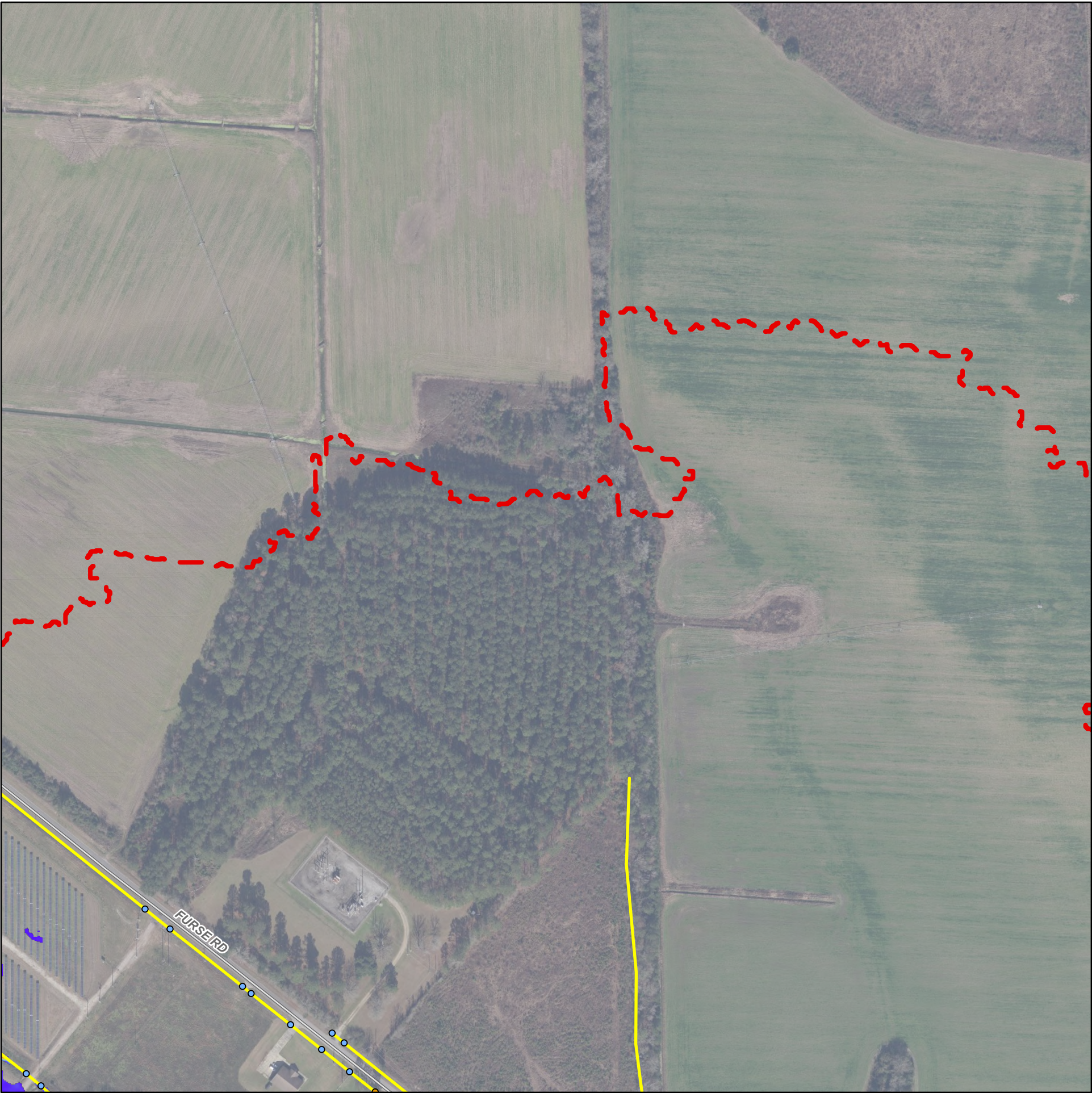
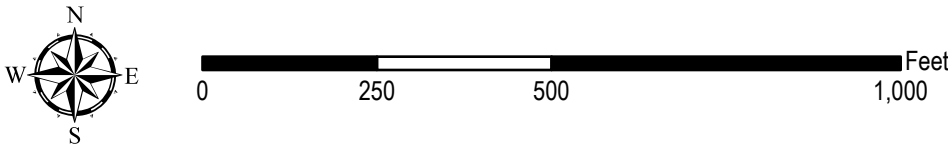
Inlet/Manhole/End of Pipe Proposed
- Pipe/Drainage Ditch Existing

Pipe/Drainage Ditch Proposed

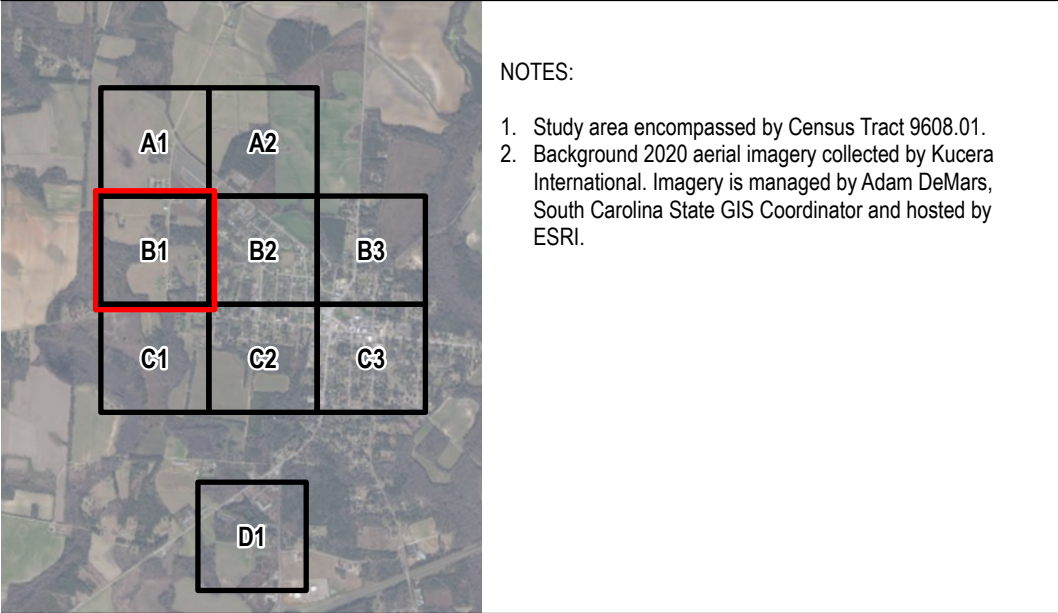
Maximum Flood Depth

> 3.00 ft

0.10 ft







Legend

Study Boundary

Roadway

Outfall

Proposed Detention Basin

Existing Inlet/Manhole/End of Pipe

Proposed Inlet/Manhole/End of Pipe

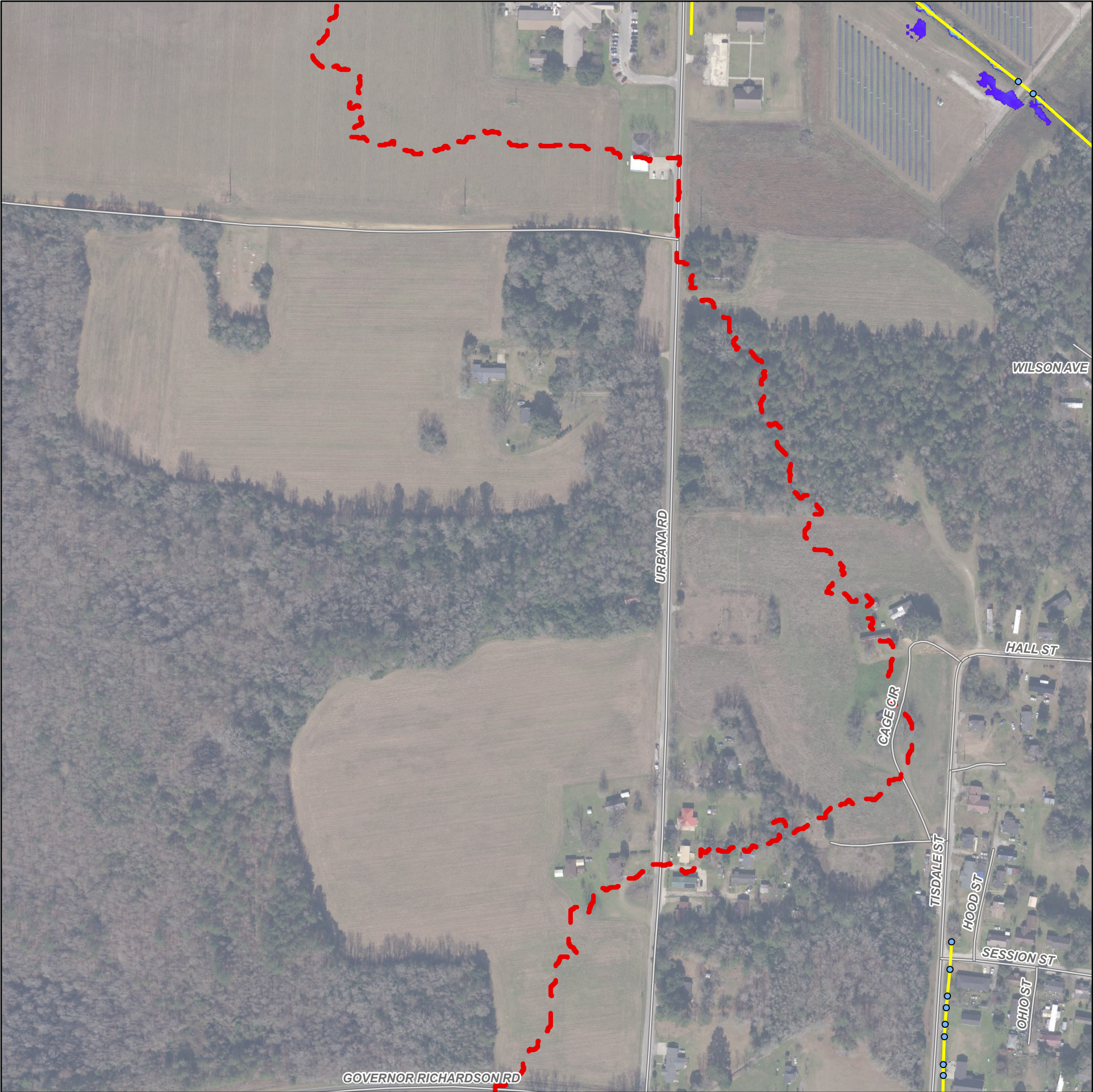
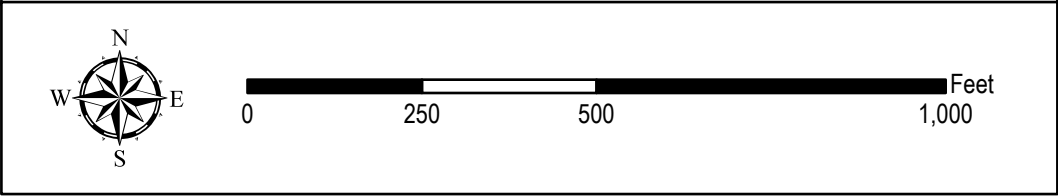
Existing Pipe/Drainage Ditch

Proposed Pipe/Drainage Ditch

Maximum Flood Depth

> 3.00 ft

0.10 ft





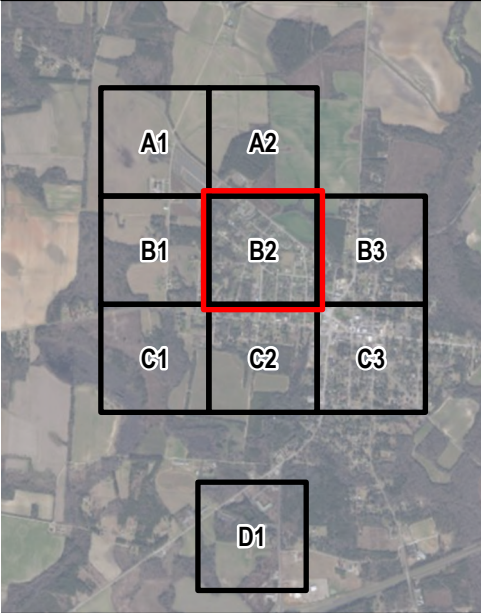
Town of Summerton | SC Office of Resilience  
Hydrologic and Hydraulic Study

Proposed Conditions Flood Analysis  
Rainfall: 100-Year SC Long (9.24")

Appendix D.8

Sector B2

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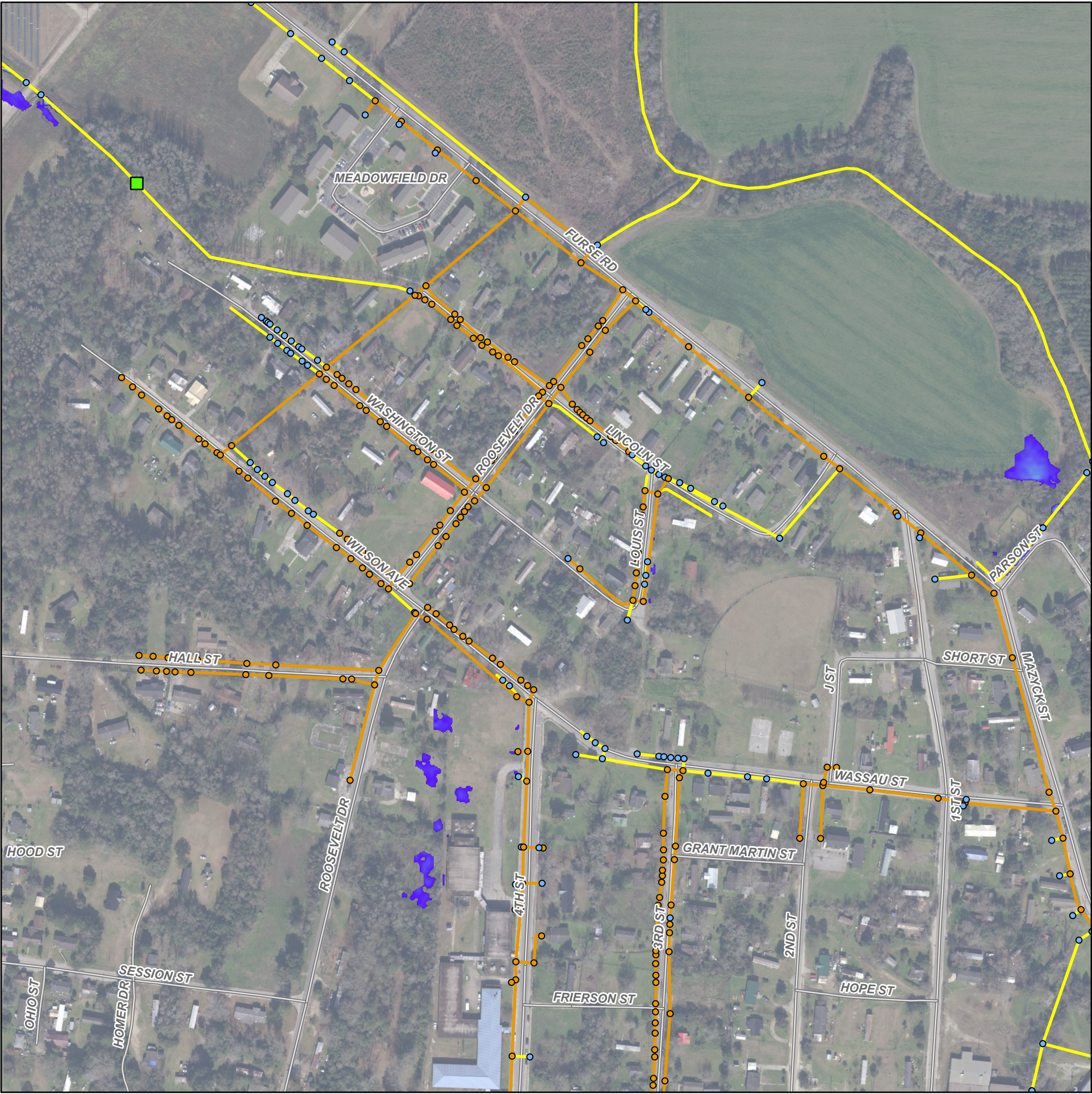
- NOTES:
1. Study area encompassed by Census Tract 9608.01.
  2. Background 2020 aerial imagery collected by Kucera International. Imagery is managed by Adam DeMars, South Carolina State GIS Coordinator and hosted by ESRI.

Legend

- |                                    |                              |
|------------------------------------|------------------------------|
| Study Boundary                     | Pipe/Drainage Ditch Existing |
| Roadway                            | Proposed                     |
| Outfall                            | Maximum Flood Depth          |
| Proposed Detention Basin           | > 3.00 ft                    |
| Inlet/Manhole/End of Pipe Existing | 0.10 ft                      |
| Proposed                           |                              |



0 250 500 1,000 Feet





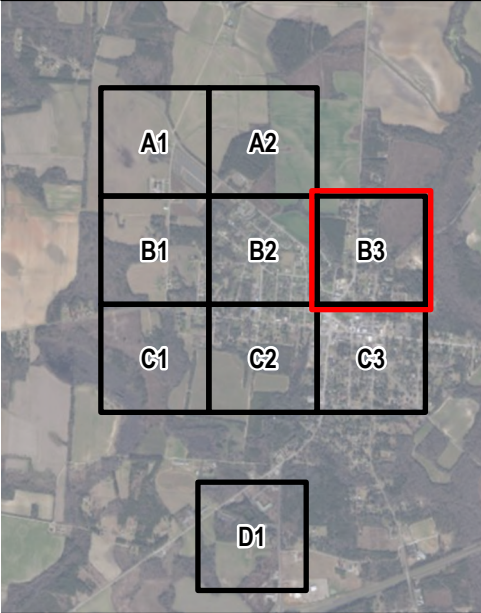
Town of Summerton | SC Office of Resilience  
Hydrologic and Hydraulic Study

Proposed Conditions Flood Analysis  
Rainfall: 100-Year SC Long (9.24")

Appendix D.8

Sector B3

Page 5 of 9



- NOTES:
- 1. Study area encompassed by Census Tract 9608.01.
  - 2. Background 2020 aerial imagery collected by Kucera International. Imagery is managed by Adam DeMars, South Carolina State GIS Coordinator and hosted by ESRI.

Legend

- Study Boundary

Roadway

Outfall

Proposed Detention Basin

Inlet/Manhole/End of Pipe Existing

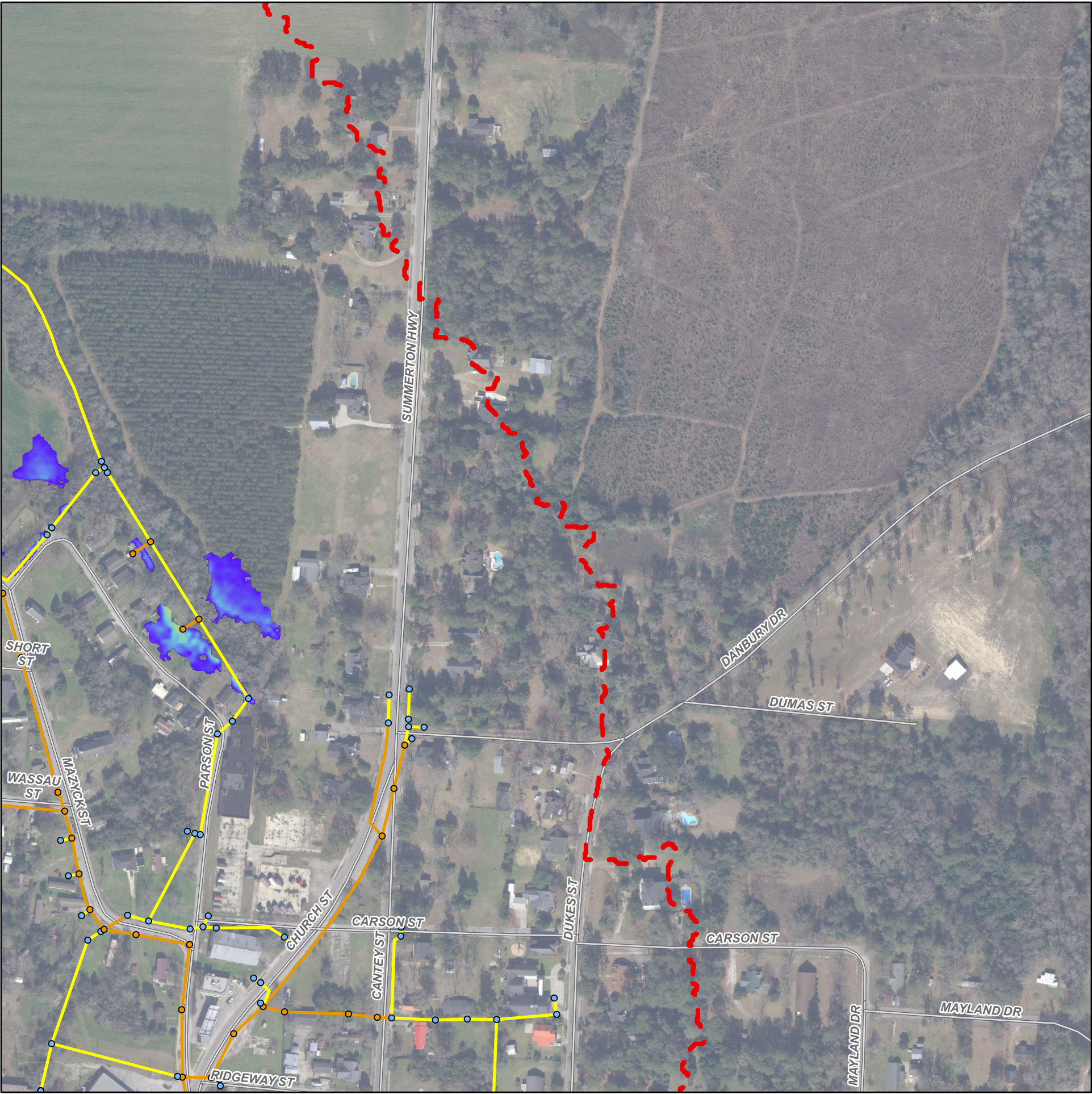
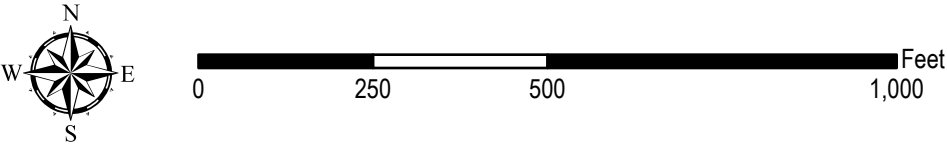
Inlet/Manhole/End of Pipe Proposed
- Pipe/Drainage Ditch Existing

Pipe/Drainage Ditch Proposed

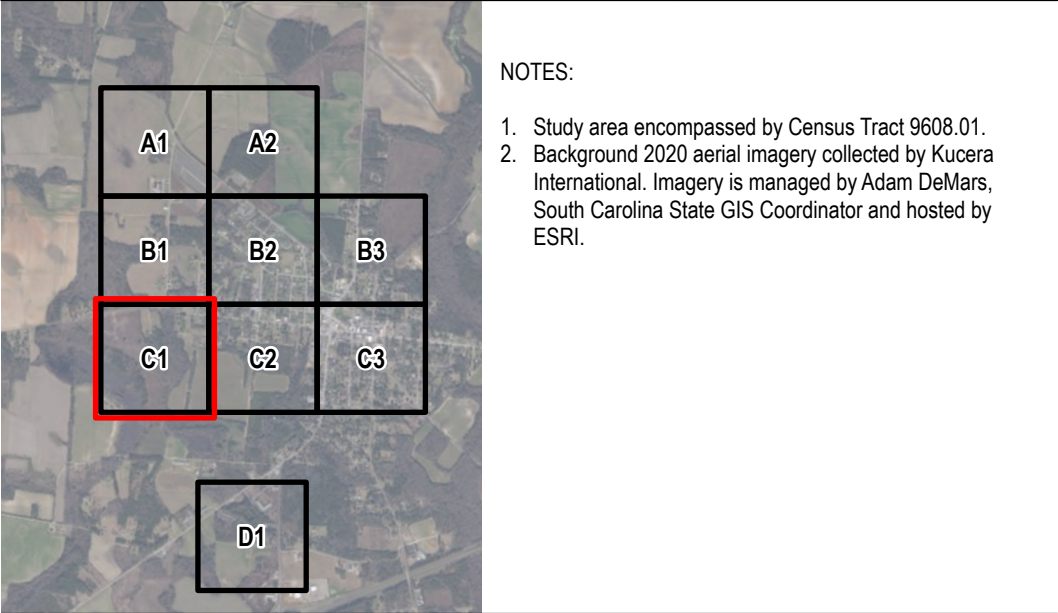
Maximum Flood Depth

> 3.00 ft


0.10 ft




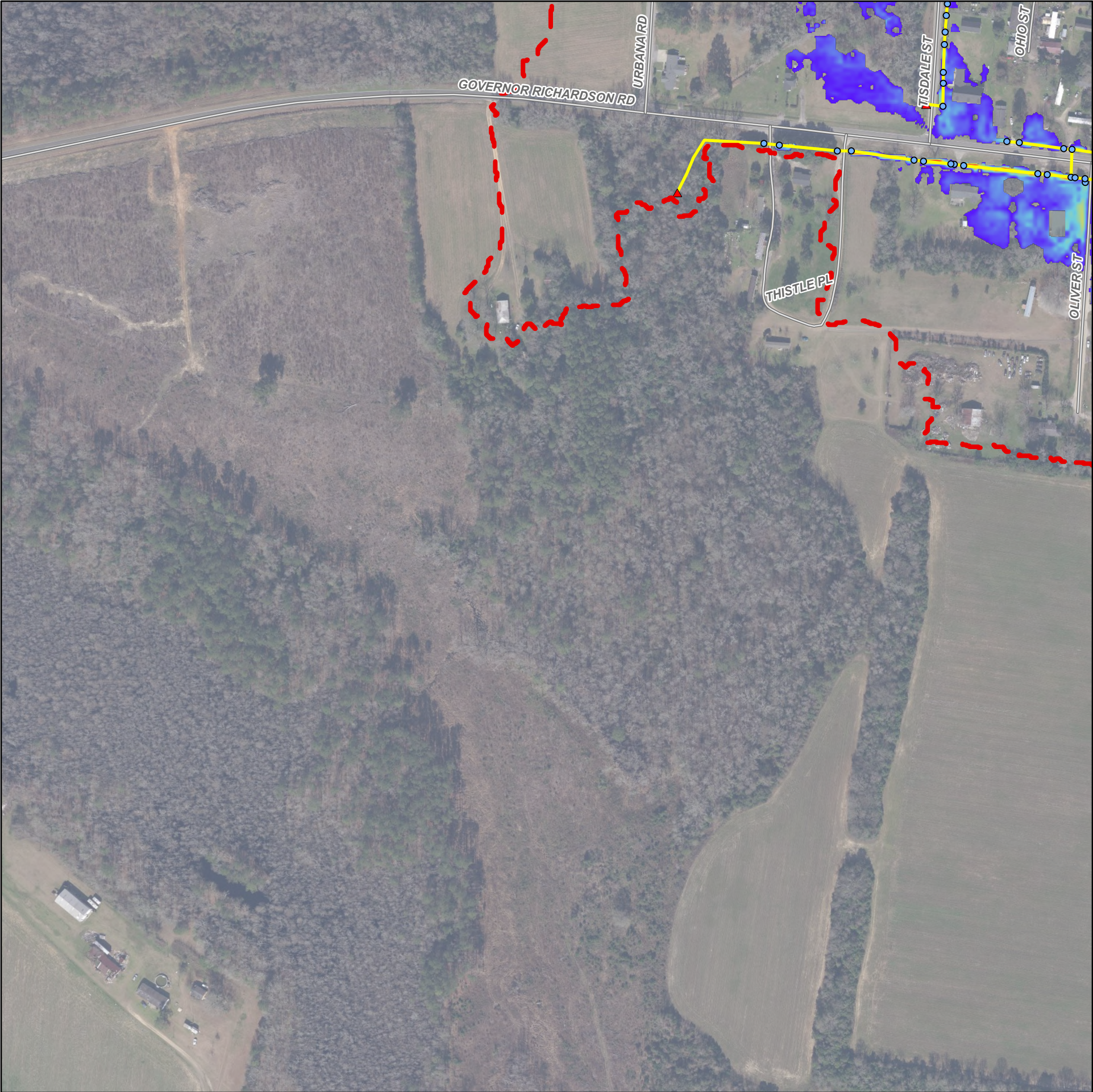





Legend


 Study Boundary


 Roadway

 Outfall


 Proposed Detention Basin


Inlet/Manhole/End of Pipe

 Existing


 Proposed


Pipe/Drainage Ditch

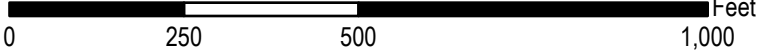
 Existing

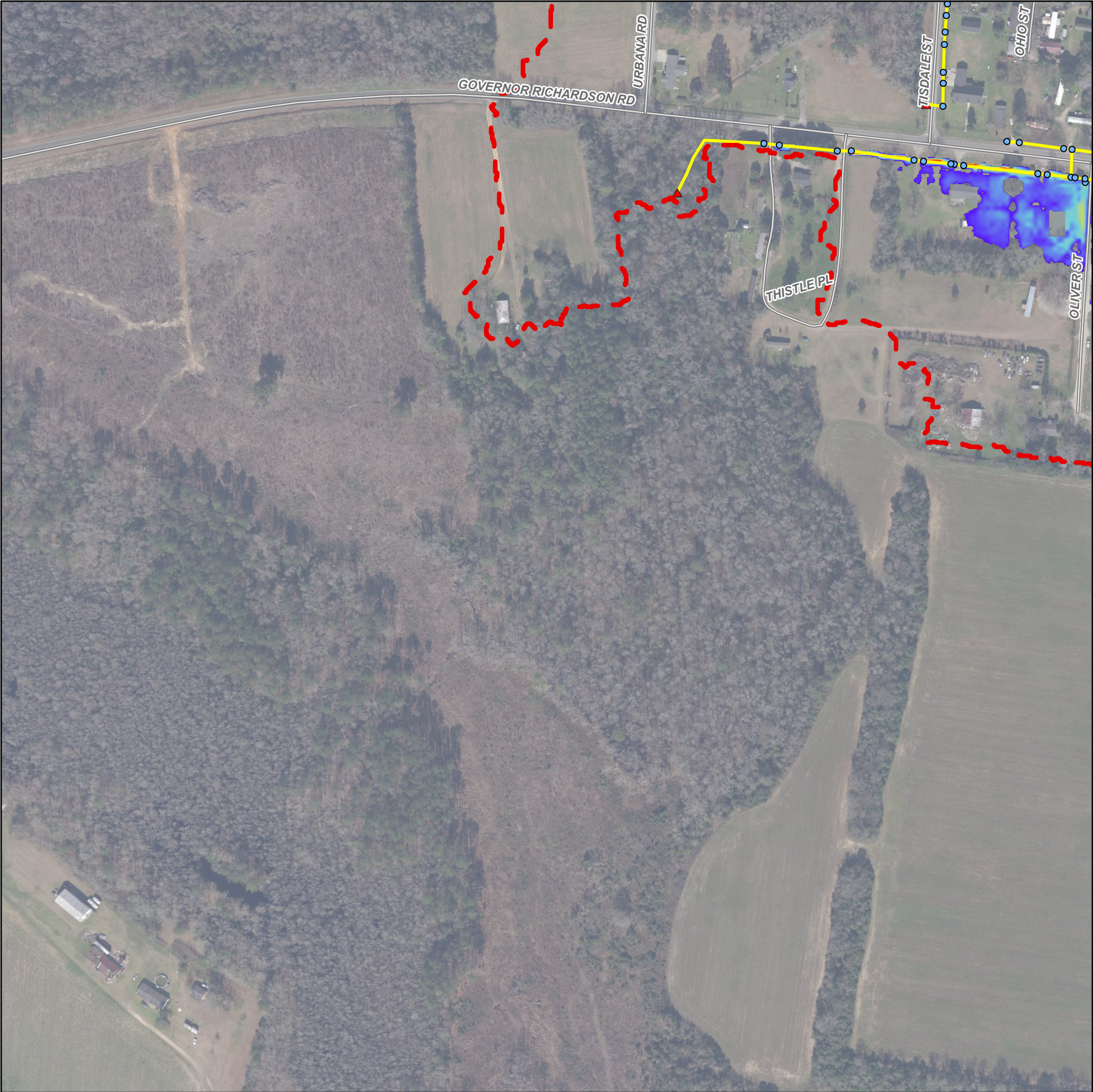
 Proposed

Maximum Flood Depth

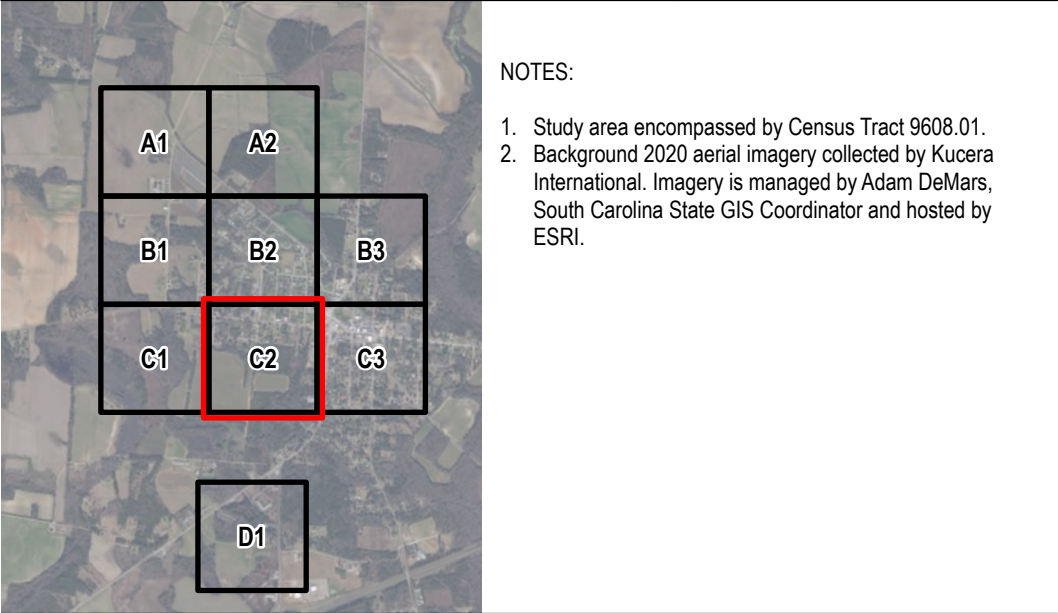
 > 3.00 ft  
0.10 ft











Legend

Study Boundary

Roadway

Outfall

Proposed Detention Basin

Existing Inlet/Manhole/End of Pipe

Proposed Inlet/Manhole/End of Pipe

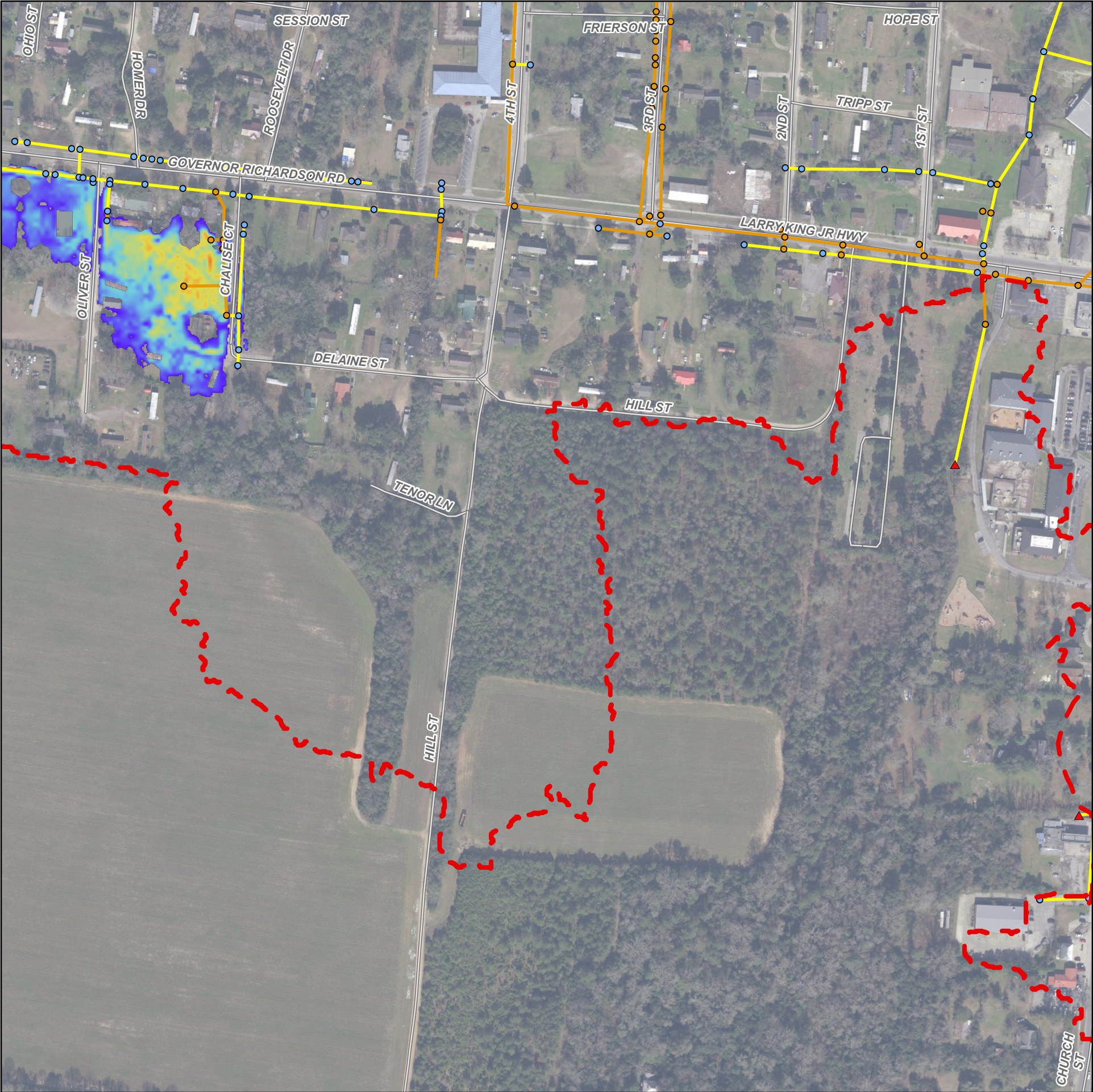
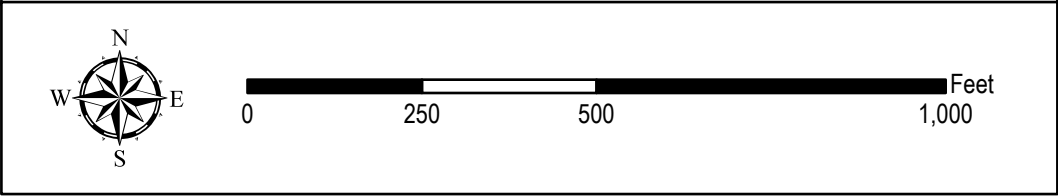
Existing Pipe/Drainage Ditch

Proposed Pipe/Drainage Ditch

Maximum Flood Depth

> 3.00 ft

0.10 ft





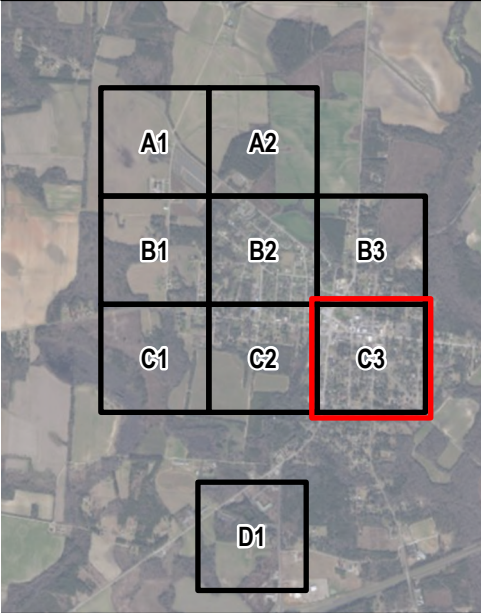
Town of Summerton | SC Office of Resilience  
Hydrologic and Hydraulic Study

Proposed Conditions Flood Analysis  
Rainfall: 100-Year SC Long (9.24")

Appendix D.8

Sector C3

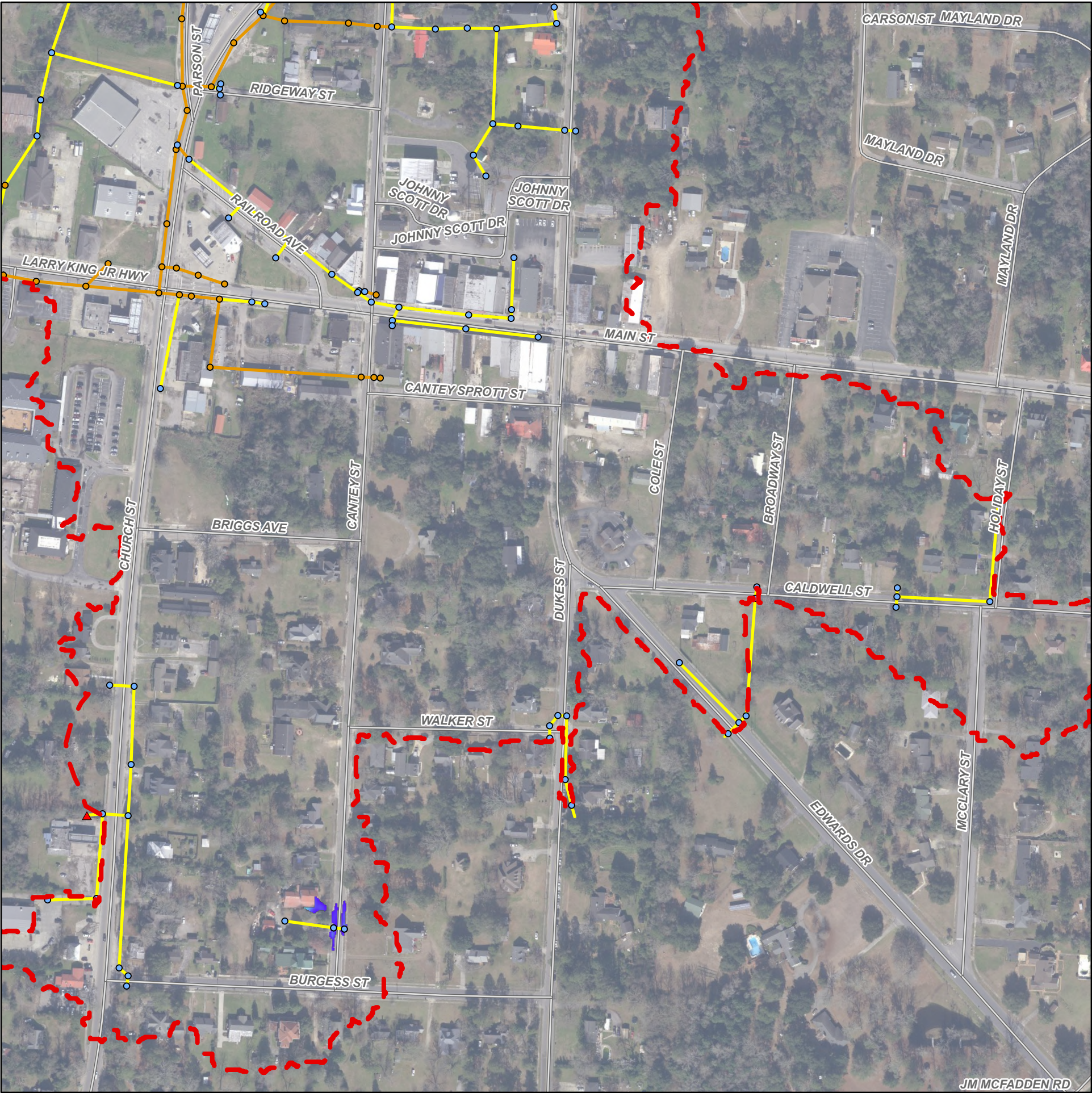
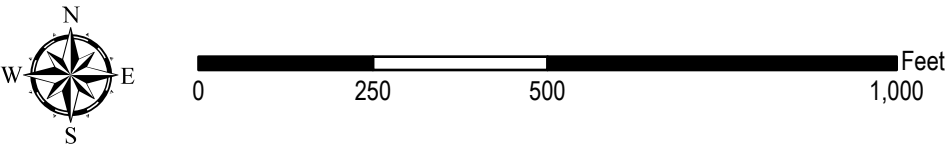
Page 8 of 9



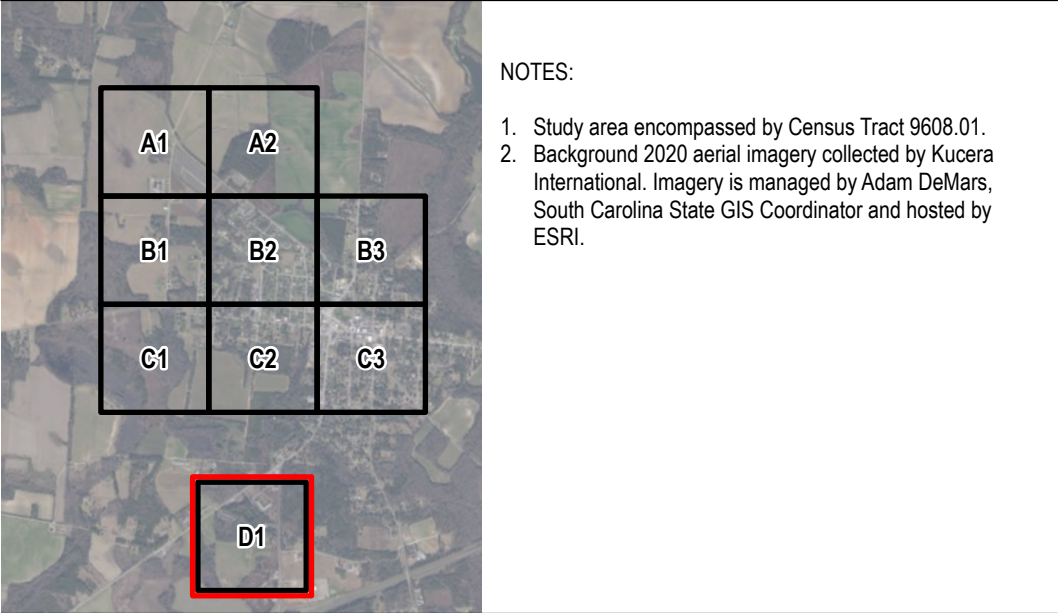
- NOTES:
- 1. Study area encompassed by Census Tract 9608.01.
  - 2. Background 2020 aerial imagery collected by Kucera International. Imagery is managed by Adam DeMars, South Carolina State GIS Coordinator and hosted by ESRI.

Legend

- |                                    |                              |
|------------------------------------|------------------------------|
| Study Boundary                     | Pipe/Drainage Ditch Existing |
| Roadway                            | Pipe/Drainage Ditch Proposed |
| Outfall                            | Maximum Flood Depth          |
| Proposed Detention Basin           | > 3.00 ft                    |
| Inlet/Manhole/End of Pipe Existing | 0.10 ft                      |
| Inlet/Manhole/End of Pipe Proposed |                              |







### Legend

Study Boundary

Roadway

Outfall

Proposed Detention Basin

Inlet/Manhole/End of Pipe

Existing

Proposed

Existing

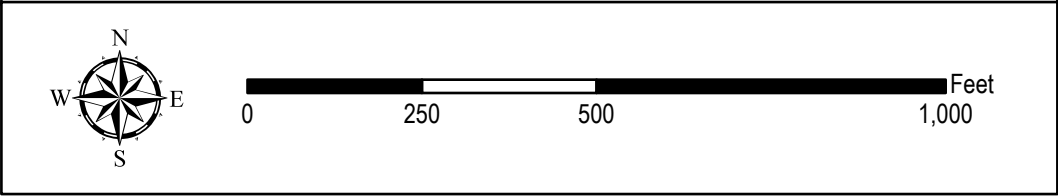
Proposed

Maximum Flood Depth

> 3.00 ft

0.10 ft

Pipe/Drainage Ditch





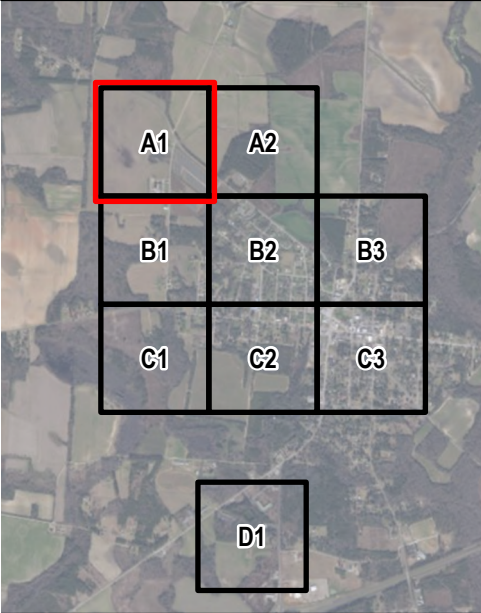
Town of Summerton | SC Office of Resilience  
Hydrologic and Hydraulic Study

Proposed Conditions Flood Analysis  
Rainfall: Future 2-Year SCS Type II (4.33")

Appendix D.9

Sector A1

Page 1 of 9



- NOTES:
- 1. Study area encompassed by Census Tract 9608.01.
  - 2. Background 2020 aerial imagery collected by Kucera International. Imagery is managed by Adam DeMars, South Carolina State GIS Coordinator and hosted by ESRI.

Legend

- Study Boundary

Roadway

Outfall

Proposed Detention Basin

Inlet/Manhole/End of Pipe Existing

Inlet/Manhole/End of Pipe Proposed
- Pipe/Drainage Ditch Existing

Pipe/Drainage Ditch Proposed

Maximum Flood Depth

> 3.00 ft

0.10 ft





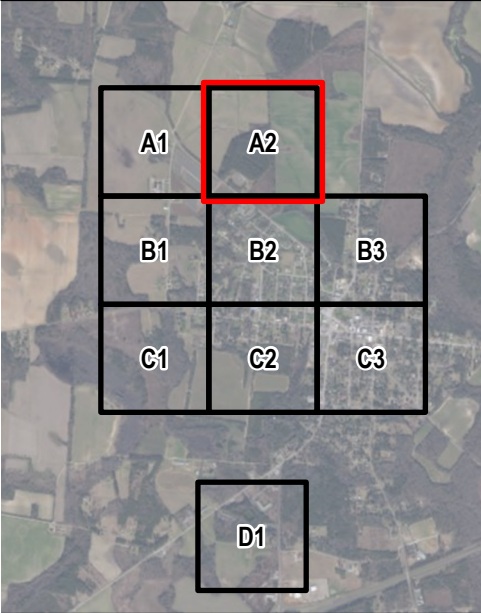
Town of Summerton | SC Office of Resilience  
Hydrologic and Hydraulic Study

Proposed Conditions Flood Analysis  
Rainfall: Future 2-Year SCS Type II (4.33")

Appendix D.9

Sector A2

Page 2 of 9



- NOTES:
- 1. Study area encompassed by Census Tract 9608.01.
  - 2. Background 2020 aerial imagery collected by Kucera International. Imagery is managed by Adam DeMars, South Carolina State GIS Coordinator and hosted by ESRI.

Legend

- Study Boundary

Roadway

Outfall

Proposed Detention Basin

Existing Inlet/Manhole/End of Pipe

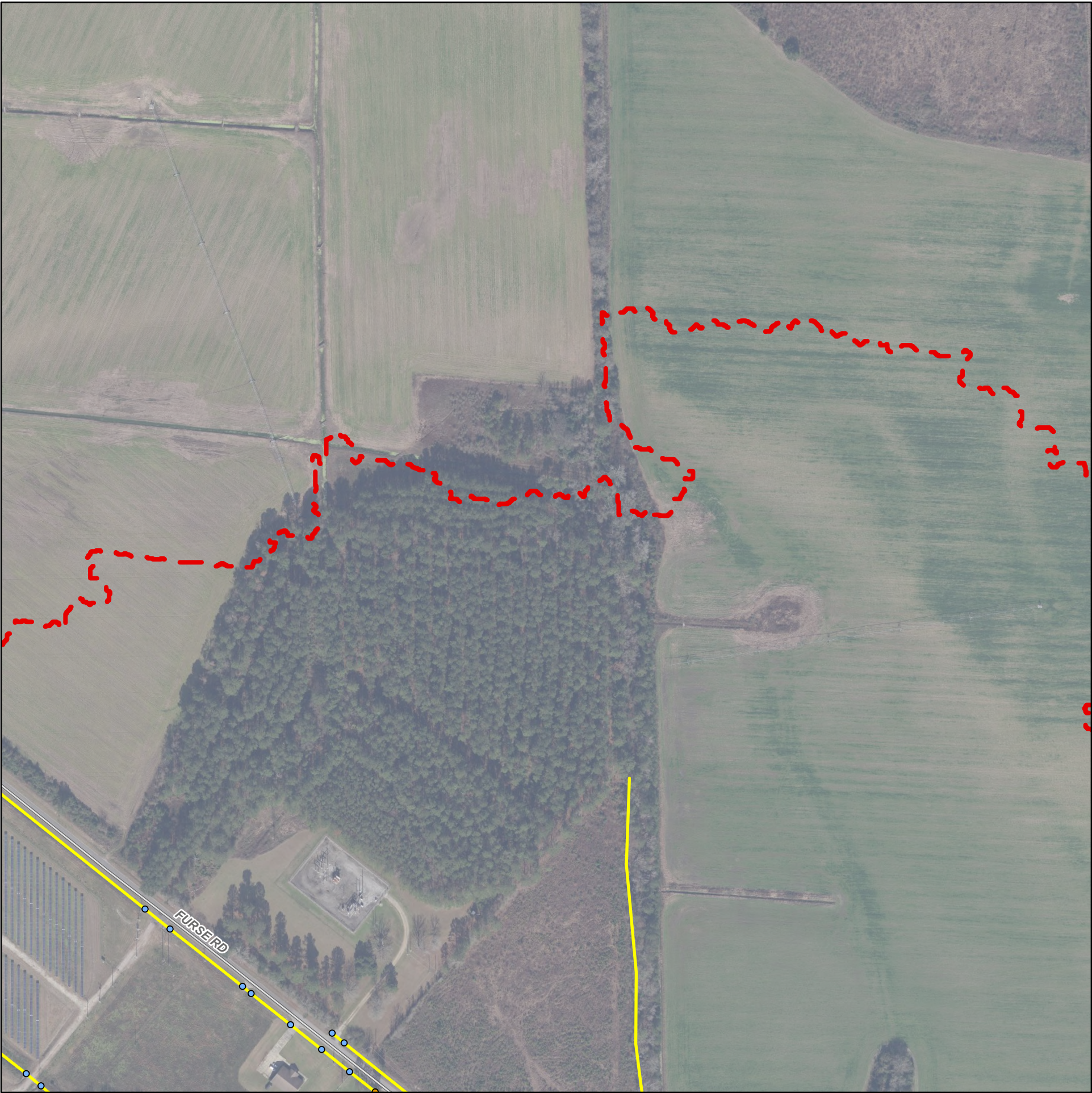
Proposed Inlet/Manhole/End of Pipe
- Existing Pipe/Drainage Ditch

Proposed Pipe/Drainage Ditch

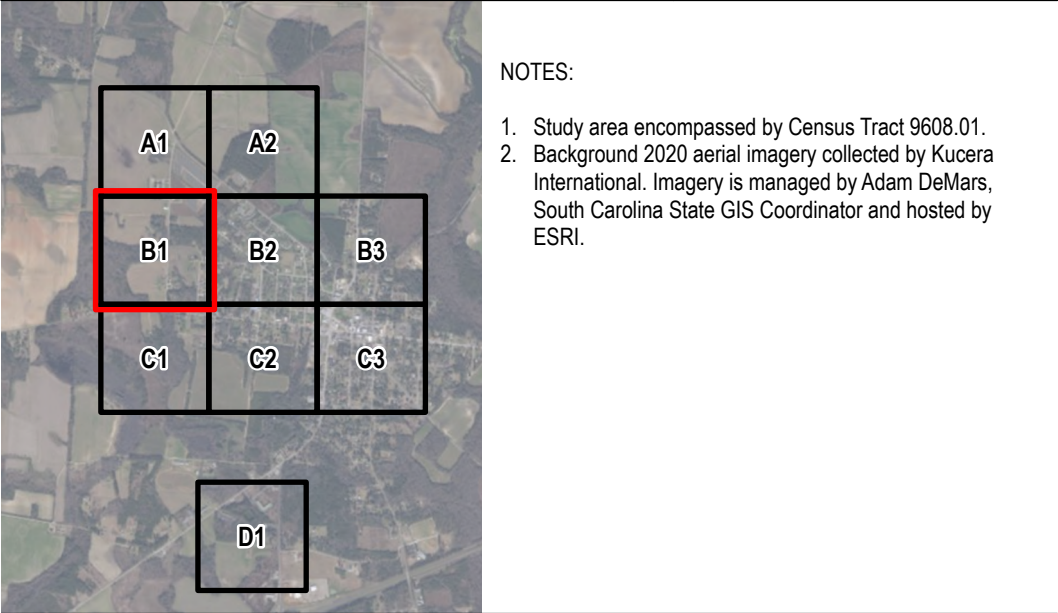
Maximum Flood Depth

> 3.00 ft

0.10 ft







### Legend

Study Boundary

Roadway

Outfall

Proposed Detention Basin

Inlet/Manhole/End of Pipe

Existing

Proposed

Pipe/Drainage Ditch

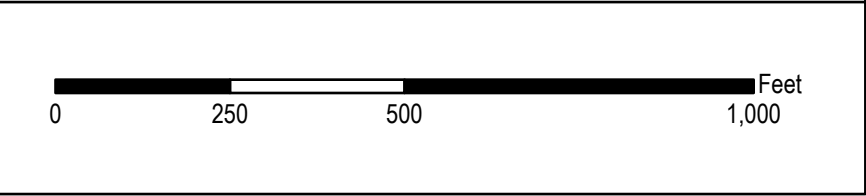
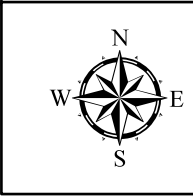
Existing

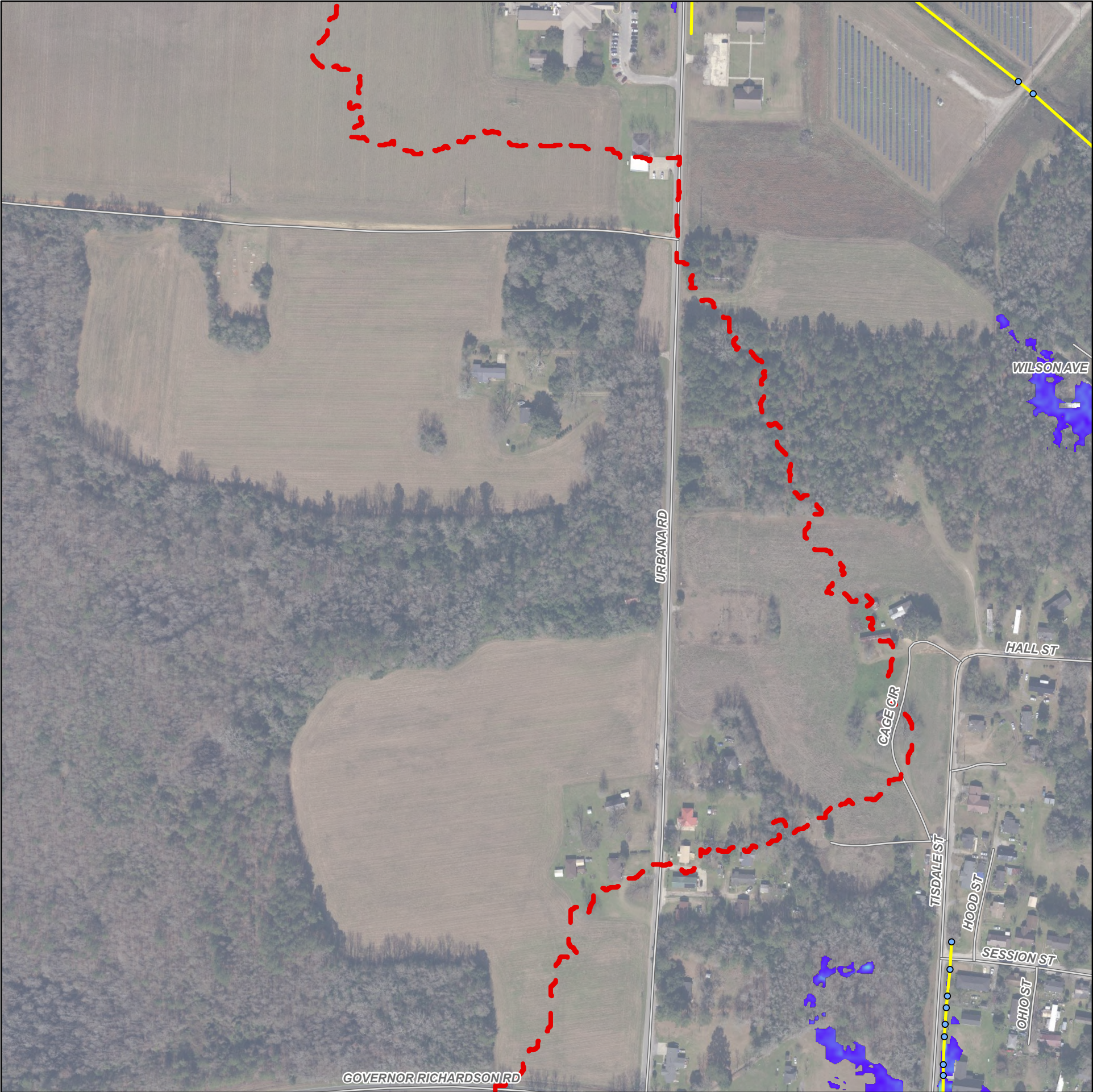
Proposed

Maximum Flood Depth

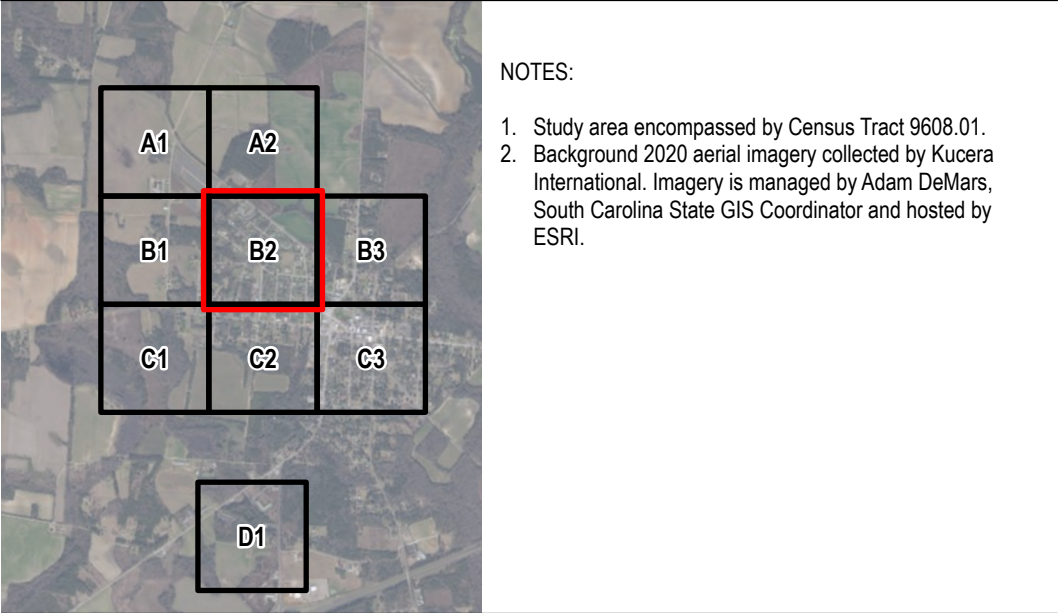
> 3.00 ft

0.10 ft









### Legend

Study Boundary

Roadway

Outfall

Proposed Detention Basin

Inlet/Manhole/End of Pipe

Existing

Proposed

Pipe/Drainage Ditch

Existing

Proposed

Maximum Flood Depth

> 3.00 ft

0.10 ft

0

250

500

1,000

Feet

The main map is an aerial photograph of a residential area. It shows a network of streets including MEADOWFIELD DR, FURBER DR, WASHINGTON ST, ROOSEVELT DR, LINCOLN ST, LOUIS ST, PARSON ST, SHORT ST, MANICK ST, HOPE ST, 1ST ST, 2ND ST, 3RD ST, 4TH ST, FRIERSON ST, HOOD ST, OHIO ST, HOMER DR, and SESSION ST. The map displays flood depth contours in shades of blue and purple, indicating areas of inundation. A network of yellow and orange lines represents existing and proposed pipes or drainage ditches. Blue and orange dots along these lines represent inlets, manholes, or the end of pipes. A green square symbol in the upper left corner indicates a proposed detention basin.



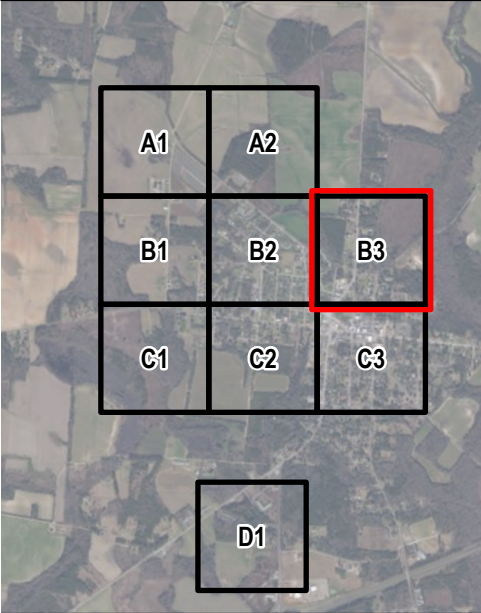
Town of Summerton | SC Office of Resilience  
Hydrologic and Hydraulic Study

Proposed Conditions Flood Analysis  
Rainfall: Future 2-Year SCS Type II (4.33")

Appendix D.9

Sector B3

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- NOTES:
- 1. Study area encompassed by Census Tract 9608.01.
  - 2. Background 2020 aerial imagery collected by Kucera International. Imagery is managed by Adam DeMars, South Carolina State GIS Coordinator and hosted by ESRI.

Legend

- Study Boundary

Roadway

Outfall

Proposed Detention Basin

Inlet/Manhole/End of Pipe Existing

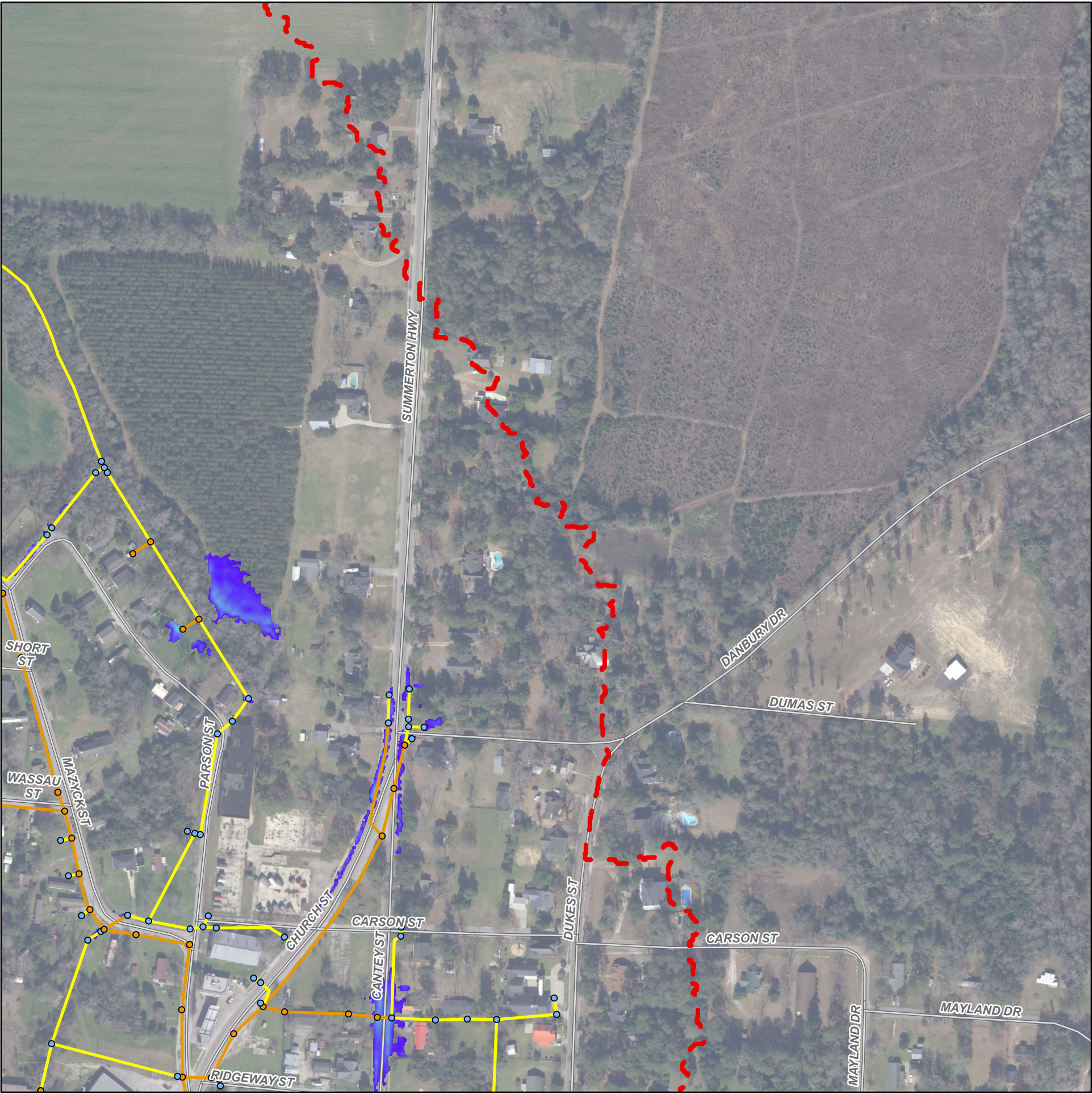
Inlet/Manhole/End of Pipe Proposed
- Pipe/Drainage Ditch Existing

Pipe/Drainage Ditch Proposed

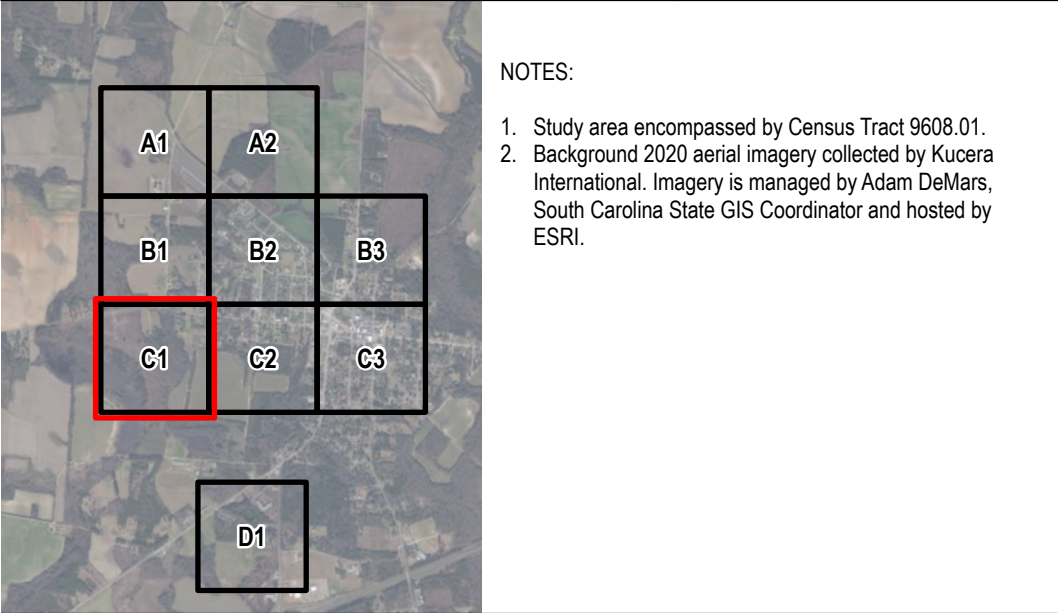
Maximum Flood Depth

> 3.00 ft

0.10 ft







### Legend

Study Boundary

Roadway

Outfall

Proposed Detention Basin

Inlet/Manhole/End of Pipe Existing

Inlet/Manhole/End of Pipe Proposed

Pipe/Drainage Ditch Existing

Pipe/Drainage Ditch Proposed

Maximum Flood Depth

> 3.00 ft

0.10 ft



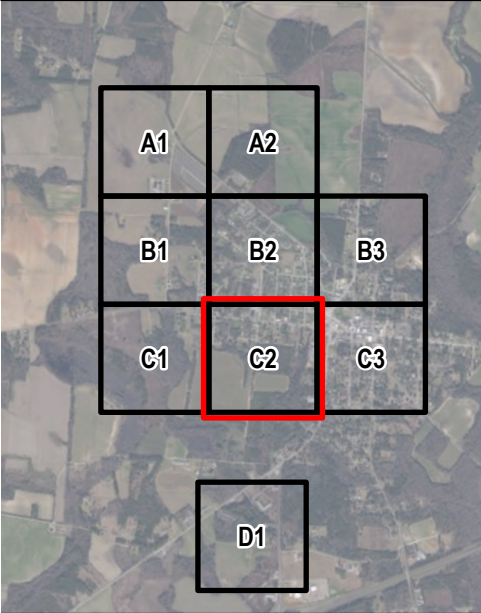
Town of Summerton | SC Office of Resilience  
Hydrologic and Hydraulic Study

Proposed Conditions Flood Analysis  
Rainfall: Future 2-Year SCS Type II (4.33")

Appendix D.9

Sector C2

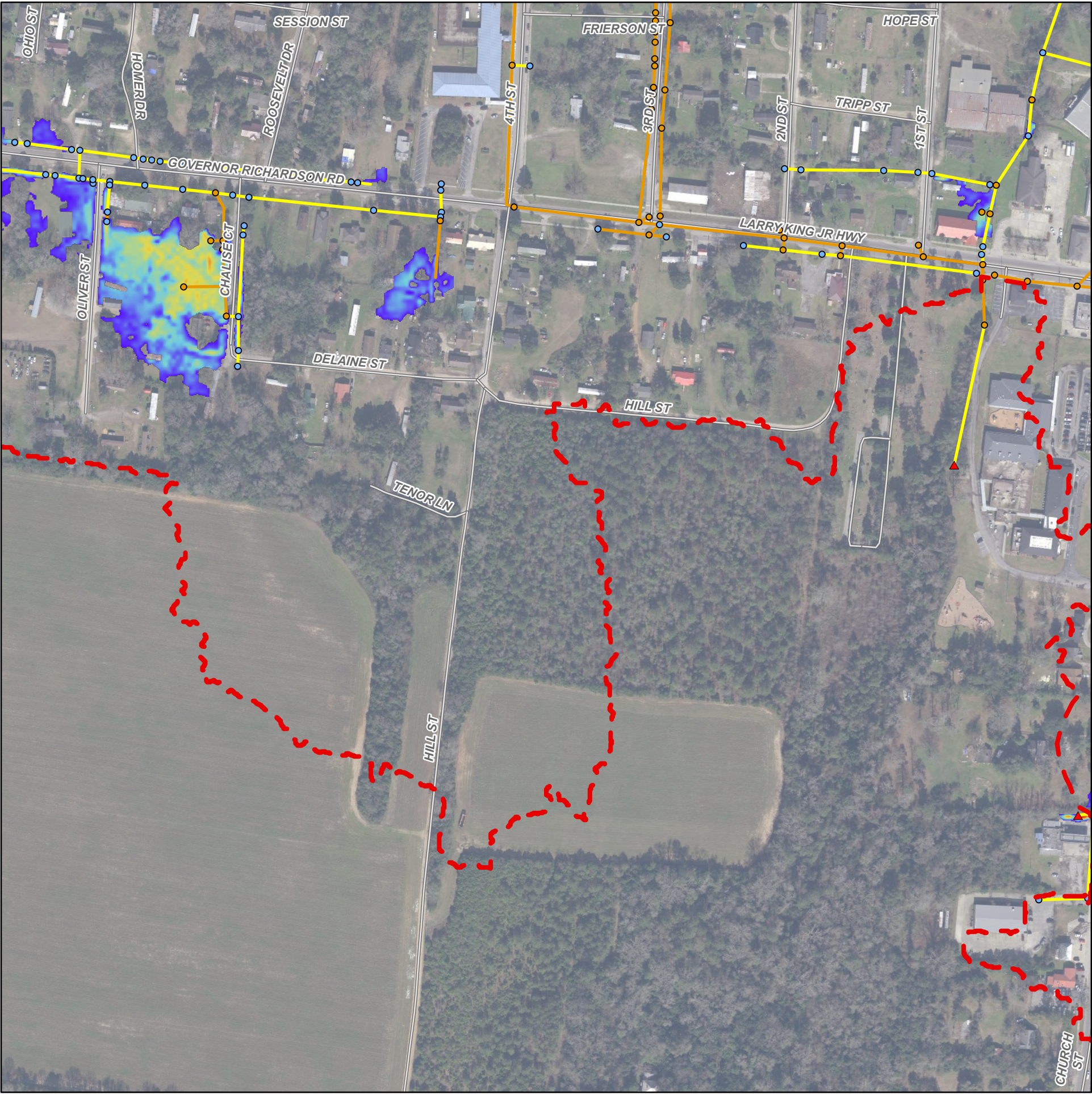
Page 7 of 9



- NOTES:
- 1. Study area encompassed by Census Tract 9608.01.
  - 2. Background 2020 aerial imagery collected by Kucera International. Imagery is managed by Adam DeMars, South Carolina State GIS Coordinator and hosted by ESRI.

Legend

- |                                    |                              |
|------------------------------------|------------------------------|
| Study Boundary                     | Pipe/Drainage Ditch Existing |
| Roadway                            | Pipe/Drainage Ditch Proposed |
| Outfall                            | Maximum Flood Depth          |
| Proposed Detention Basin           | > 3.00 ft                    |
| Inlet/Manhole/End of Pipe Existing | 0.10 ft                      |
| Inlet/Manhole/End of Pipe Proposed |                              |





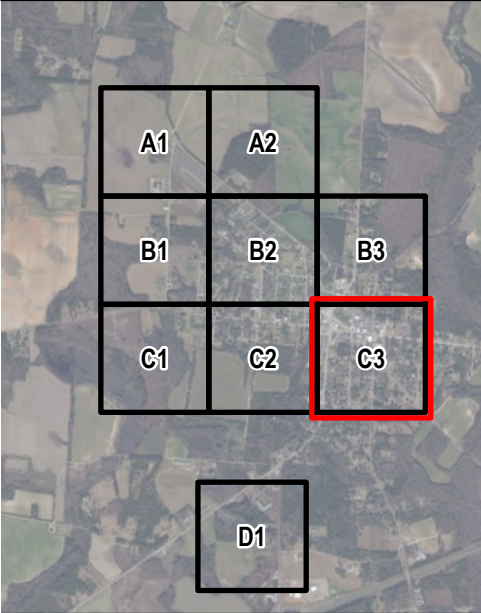
Town of Summerton | SC Office of Resilience  
Hydrologic and Hydraulic Study

Proposed Conditions Flood Analysis  
Rainfall: Future 2-Year SCS Type II (4.33")

Appendix D.9

Sector C3

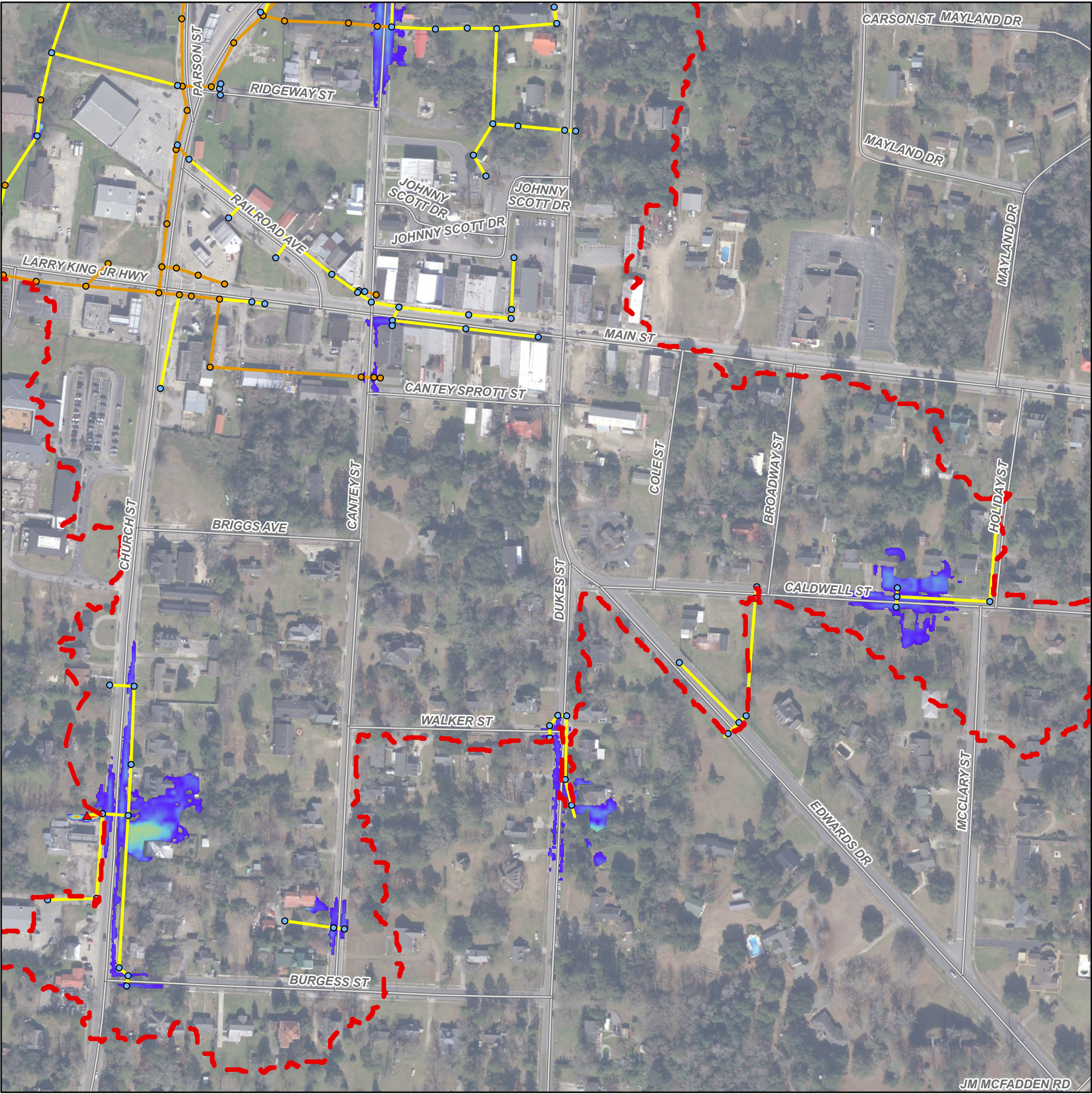
Page 8 of 9



- NOTES:
- 1. Study area encompassed by Census Tract 9608.01.
  - 2. Background 2020 aerial imagery collected by Kucera International. Imagery is managed by Adam DeMars, South Carolina State GIS Coordinator and hosted by ESRI.

Legend

- |                                    |                              |
|------------------------------------|------------------------------|
| Study Boundary                     | Pipe/Drainage Ditch Existing |
| Roadway                            | Pipe/Drainage Ditch Proposed |
| Outfall                            | Maximum Flood Depth          |
| Proposed Detention Basin           | > 3.00 ft                    |
| Inlet/Manhole/End of Pipe Existing | 0.10 ft                      |
| Inlet/Manhole/End of Pipe Proposed |                              |





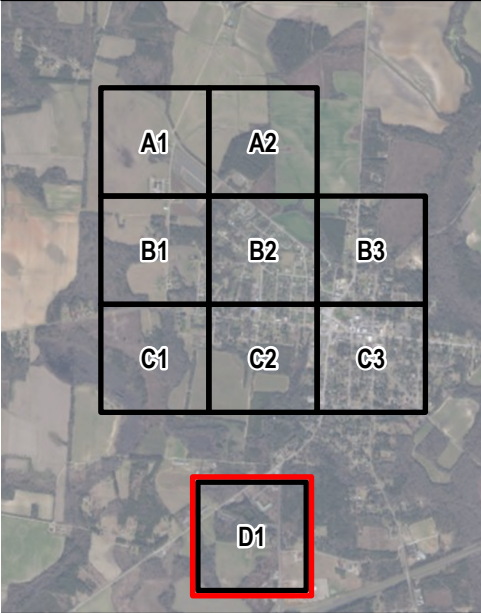
Town of Summerton | SC Office of Resilience  
Hydrologic and Hydraulic Study

Proposed Conditions Flood Analysis  
Rainfall: Future 2-Year SCS Type II (4.33")

Appendix D.9

Sector D1

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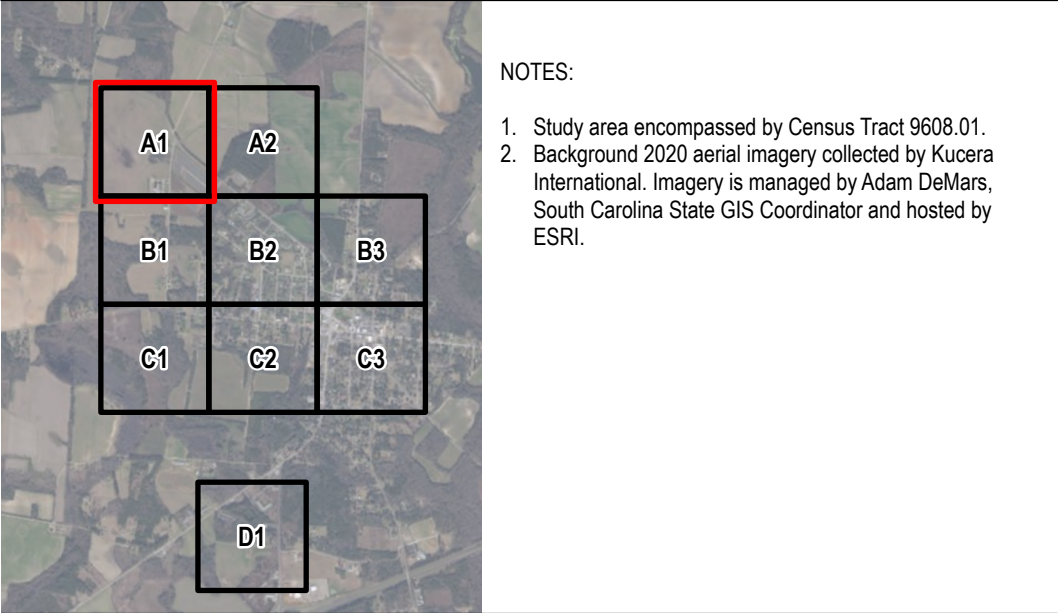
- NOTES:
- 1. Study area encompassed by Census Tract 9608.01.
  - 2. Background 2020 aerial imagery collected by Kucera International. Imagery is managed by Adam DeMars, South Carolina State GIS Coordinator and hosted by ESRI.

Legend

- Study Boundary
- Roadway
- Outfall
- Proposed Detention Basin
- Inlet/Manhole/End of Pipe Existing
- Inlet/Manhole/End of Pipe Proposed
- Pipe/Drainage Ditch Existing
- Pipe/Drainage Ditch Proposed
- Maximum Flood Depth
  - > 3.00 ft
  - 0.10 ft







Legend

Study Boundary

Roadway

Outfall

Proposed Detention Basin

Inlet/Manhole/End of Pipe

Existing

Proposed

Pipe/Drainage Ditch

Existing

Proposed

Maximum Flood Depth

> 3.00 ft

0.10 ft

0

250

500

1,000

Feet



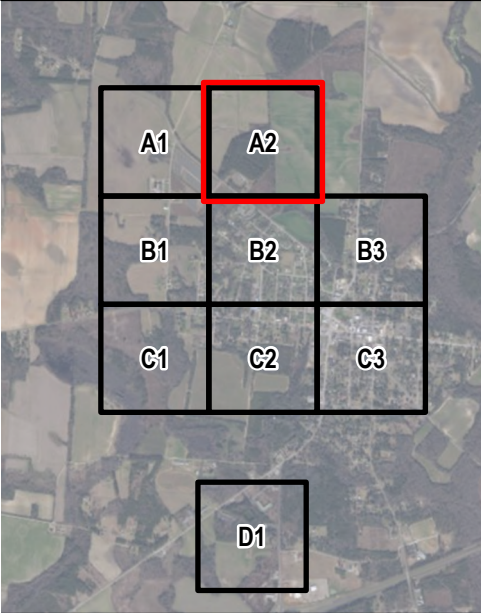
Town of Summerton | SC Office of Resilience  
Hydrologic and Hydraulic Study

Proposed Conditions Flood Analysis  
Rainfall: Future 10-Year SCS Type II (6.59")

Appendix D.10

Sector A2

Page 2 of 9



- NOTES:
- 1. Study area encompassed by Census Tract 9608.01.
  - 2. Background 2020 aerial imagery collected by Kucera International. Imagery is managed by Adam DeMars, South Carolina State GIS Coordinator and hosted by ESRI.

Legend

- Study Boundary

Roadway

Outfall

Proposed Detention Basin

Inlet/Manhole/End of Pipe Existing

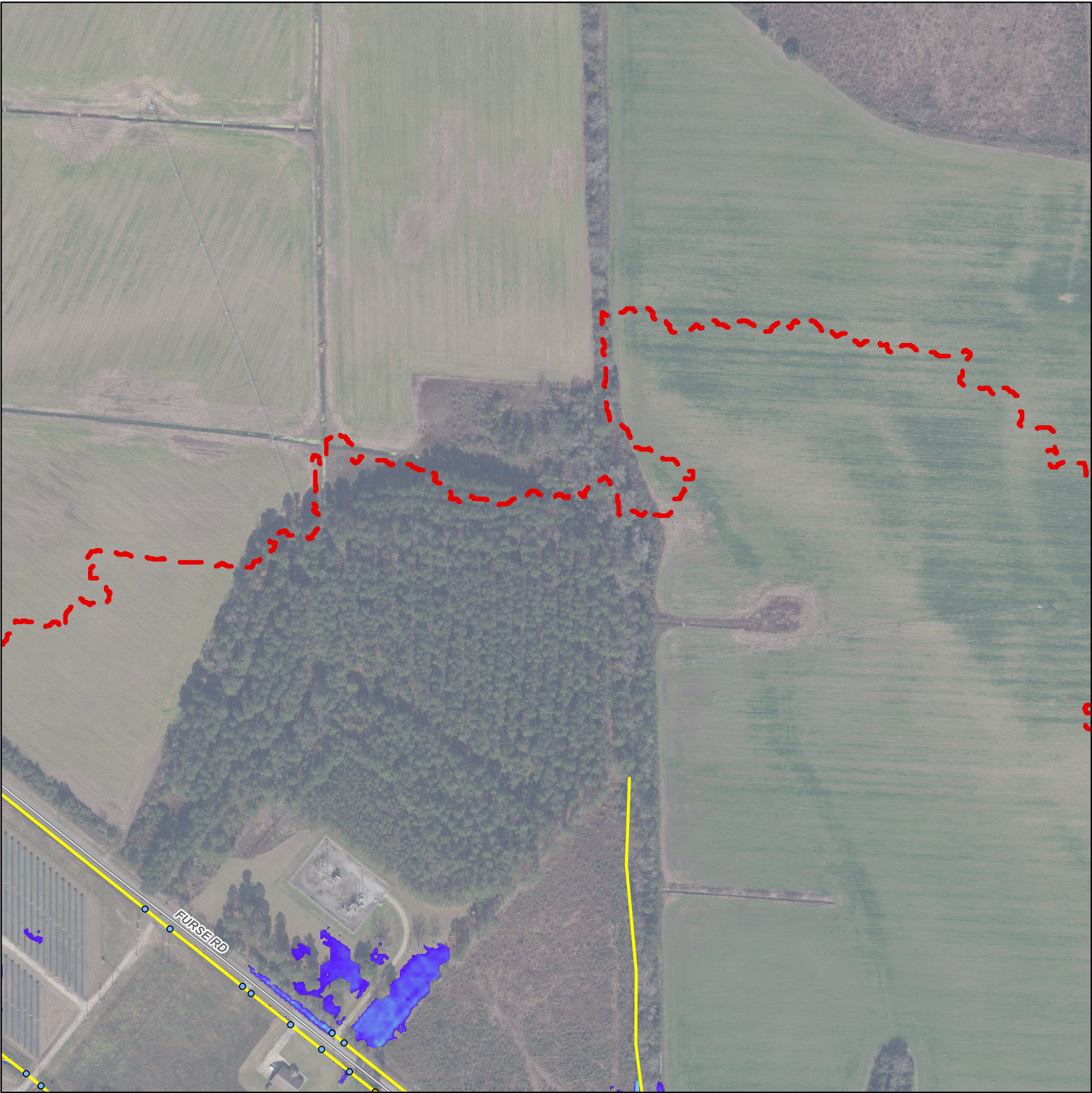
Inlet/Manhole/End of Pipe Proposed
- Pipe/Drainage Ditch Existing

Pipe/Drainage Ditch Proposed

Maximum Flood Depth

> 3.00 ft

0.10 ft





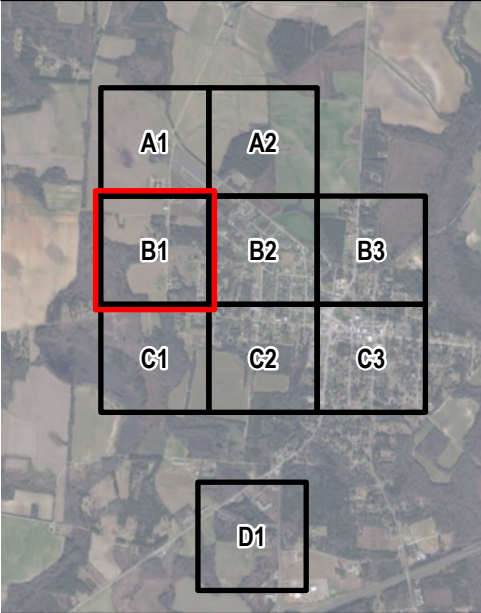
Town of Summerton | SC Office of Resilience  
Hydrologic and Hydraulic Study

Proposed Conditions Flood Analysis  
Rainfall: Future 10-Year SCS Type II (6.59")

Appendix D.10

Sector B1

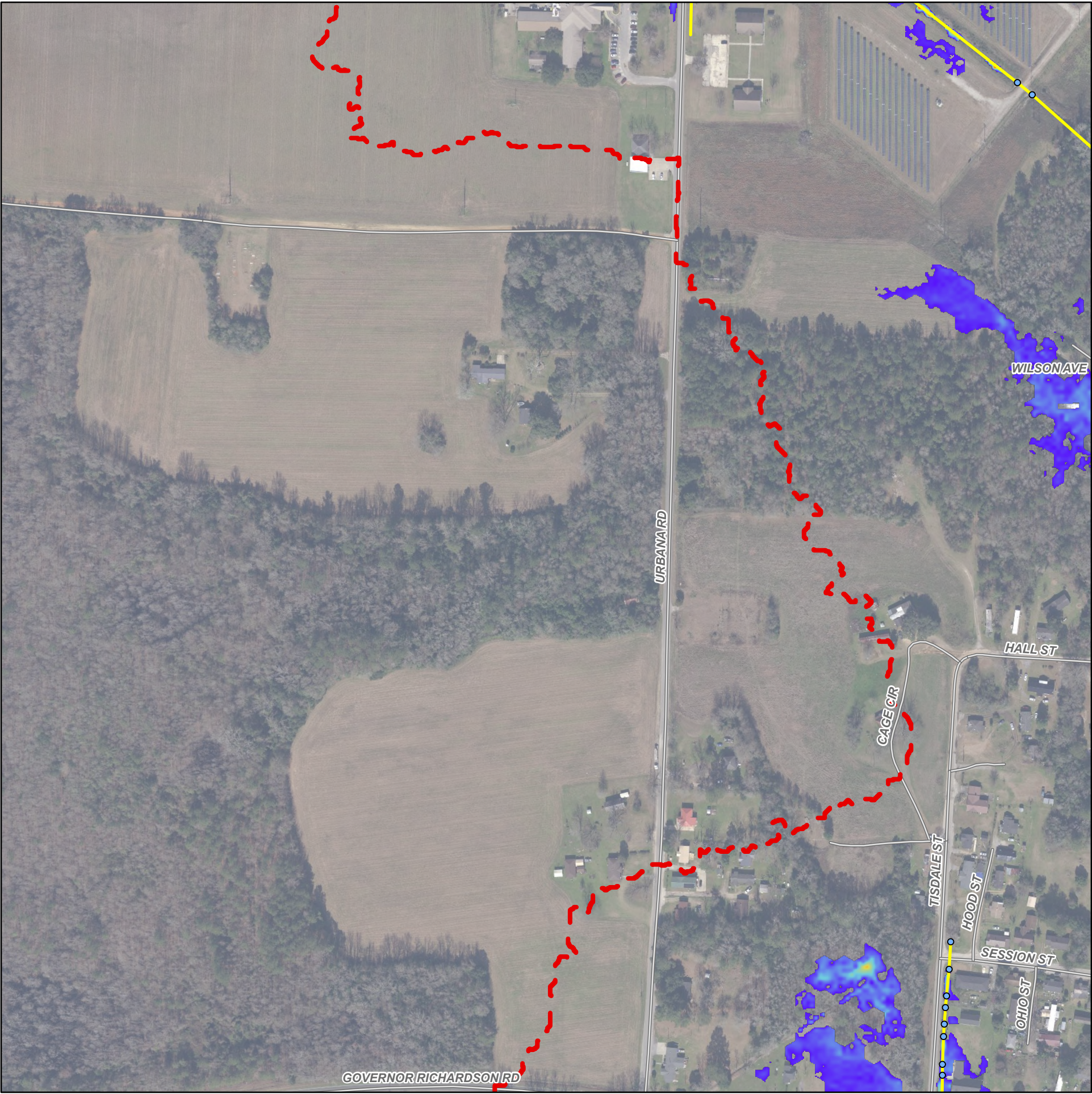
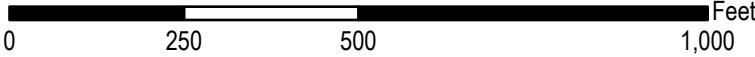
Page 3 of 9



- NOTES:
- 1. Study area encompassed by Census Tract 9608.01.
  - 2. Background 2020 aerial imagery collected by Kucera International. Imagery is managed by Adam DeMars, South Carolina State GIS Coordinator and hosted by ESRI.

Legend

- |                                    |                              |
|------------------------------------|------------------------------|
| Study Boundary                     | Pipe/Drainage Ditch Existing |
| Roadway                            | Proposed                     |
| Outfall                            | Maximum Flood Depth          |
| Proposed Detention Basin           |                              |
| Inlet/Manhole/End of Pipe Existing | > 3.00 ft                    |
| Proposed                           | 0.10 ft                      |





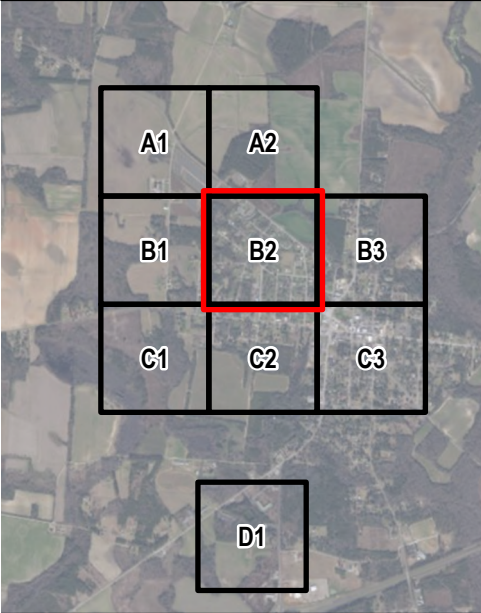
Town of Summerton | SC Office of Resilience  
Hydrologic and Hydraulic Study

Proposed Conditions Flood Analysis  
Rainfall: Future 10-Year SCS Type II (6.59")

Appendix D.10

Sector B2

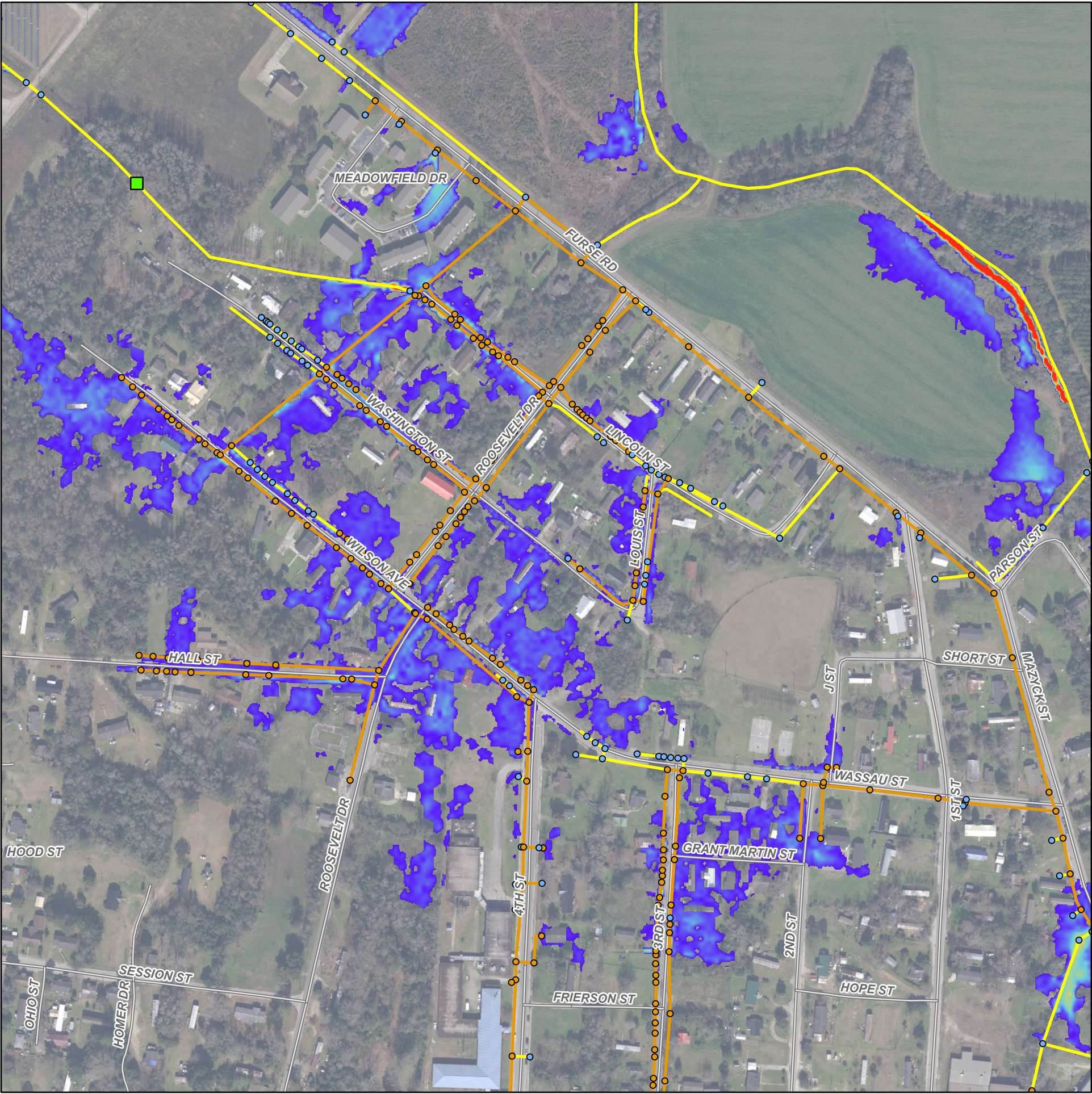
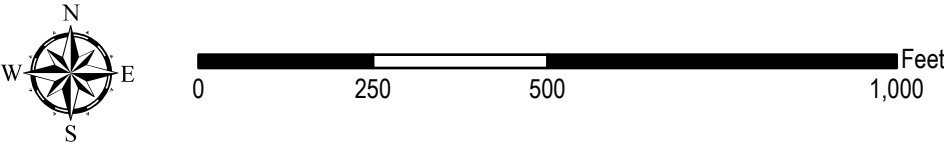
Page 4 of 9



- NOTES:
- 1. Study area encompassed by Census Tract 9608.01.
  - 2. Background 2020 aerial imagery collected by Kucera International. Imagery is managed by Adam DeMars, South Carolina State GIS Coordinator and hosted by ESRI.

Legend

- |                                    |                              |
|------------------------------------|------------------------------|
| Study Boundary                     | Pipe/Drainage Ditch Existing |
| Roadway                            | Proposed                     |
| Outfall                            | Maximum Flood Depth          |
| Proposed Detention Basin           | > 3.00 ft                    |
| Inlet/Manhole/End of Pipe Existing | 0.10 ft                      |
| Proposed                           |                              |





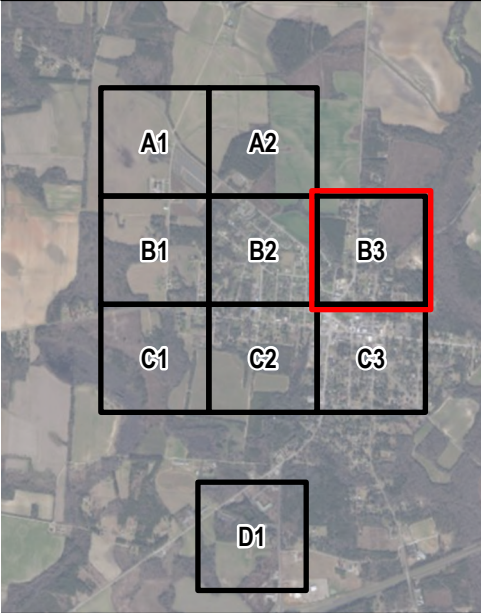
Town of Summerton | SC Office of Resilience  
Hydrologic and Hydraulic Study

Proposed Conditions Flood Analysis  
Rainfall: Future 10-Year SCS Type II (6.59")

Appendix D.10

Sector B3

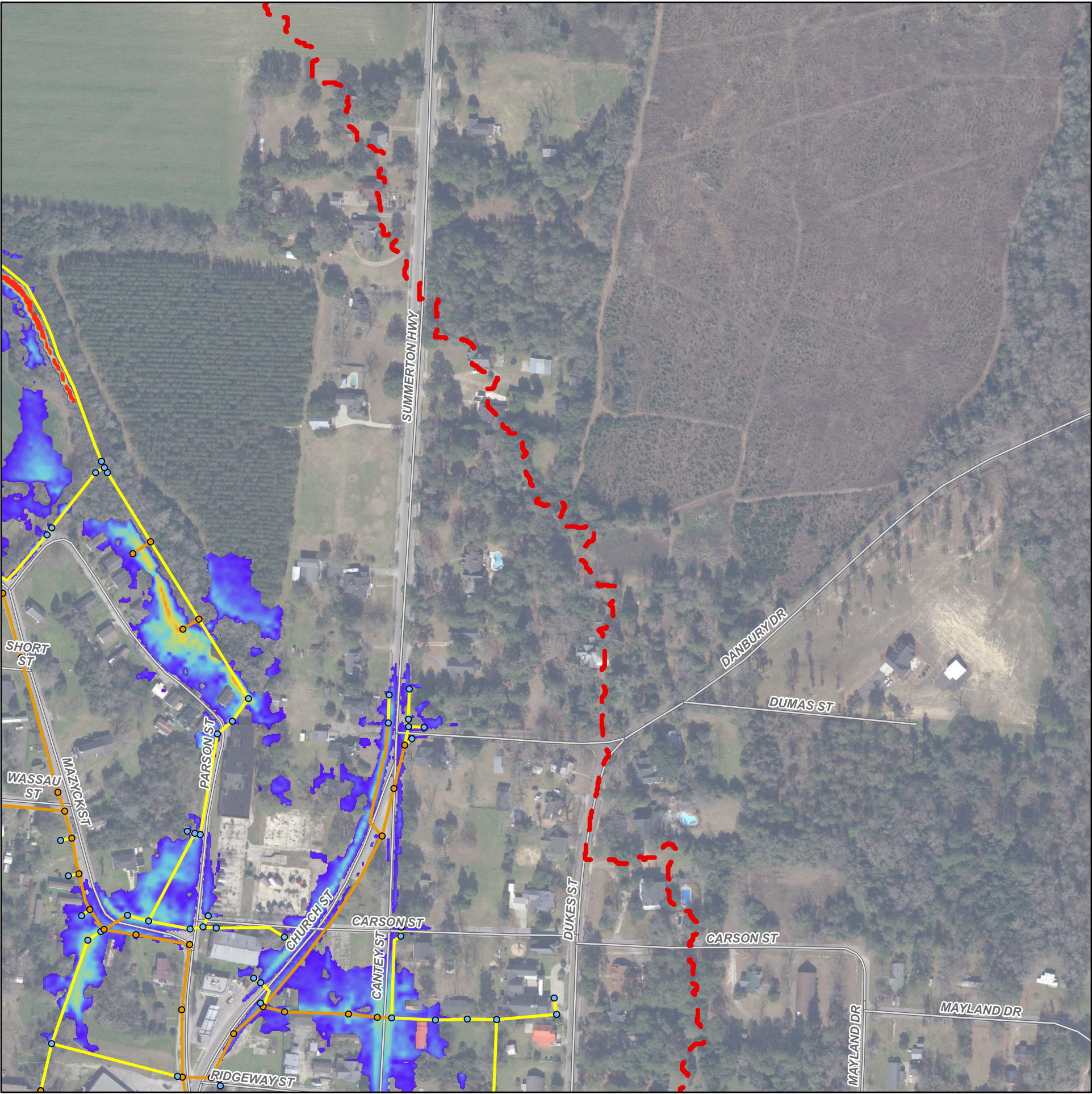
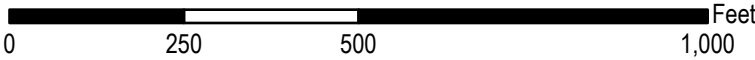
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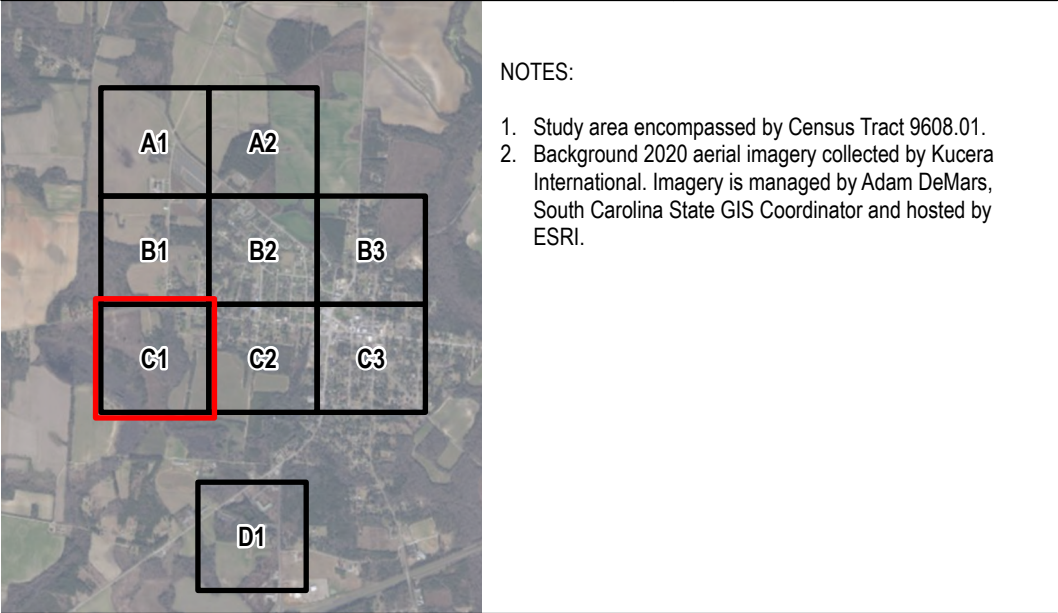
- NOTES:
- 1. Study area encompassed by Census Tract 9608.01.
  - 2. Background 2020 aerial imagery collected by Kucera International. Imagery is managed by Adam DeMars, South Carolina State GIS Coordinator and hosted by ESRI.

Legend

- |                                    |                              |
|------------------------------------|------------------------------|
| Study Boundary                     | Pipe/Drainage Ditch Existing |
| Roadway                            | Proposed                     |
| Outfall                            | Maximum Flood Depth          |
| Proposed Detention Basin           | > 3.00 ft                    |
| Inlet/Manhole/End of Pipe Existing | 0.10 ft                      |
| Proposed                           |                              |







### Legend

Study Boundary

Roadway

Outfall

Proposed Detention Basin

Inlet/Manhole/End of Pipe Existing

Inlet/Manhole/End of Pipe Proposed

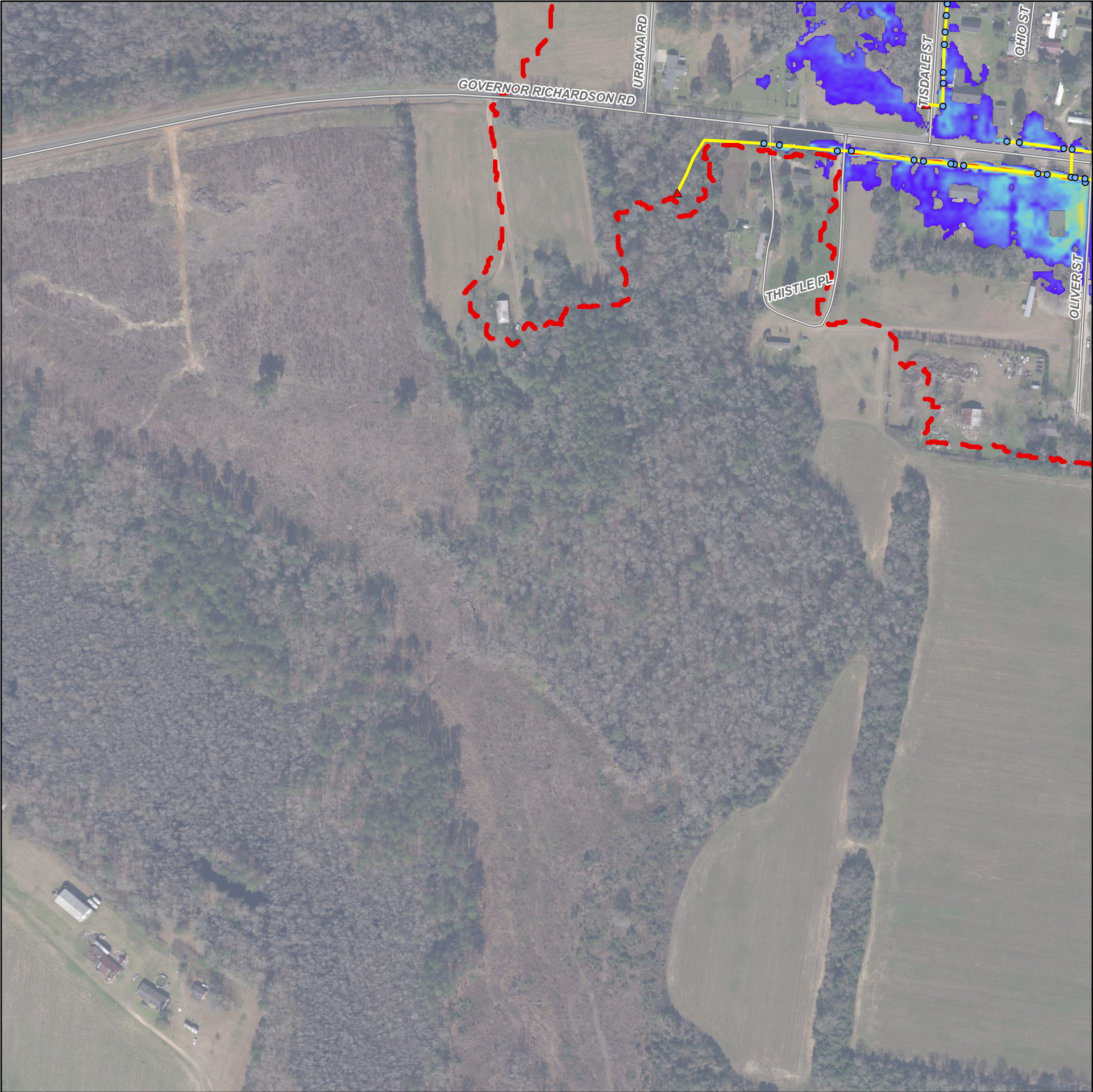
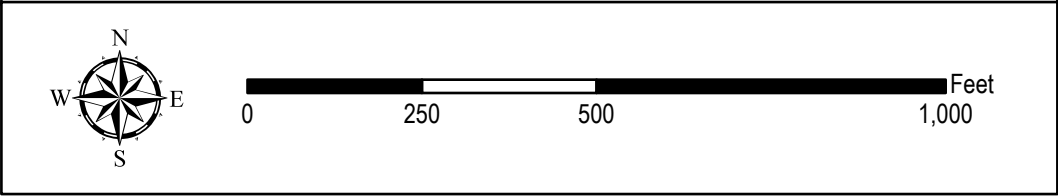
Pipe/Drainage Ditch Existing

Pipe/Drainage Ditch Proposed

Maximum Flood Depth

> 3.00 ft

0.10 ft





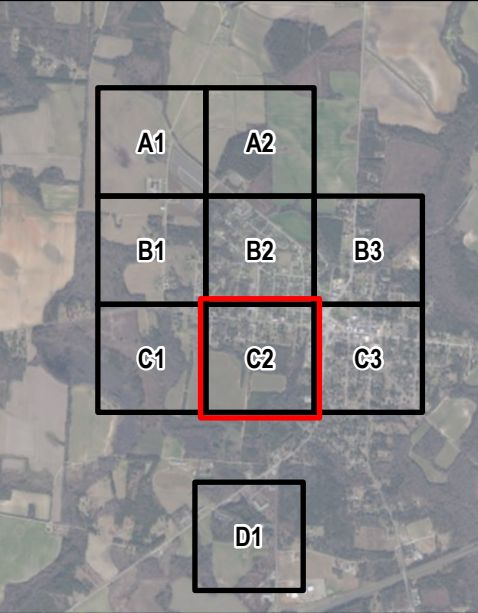
**Town of Summerton | SC Office of Resilience  
Hydrologic and Hydraulic Study**

## Proposed Conditions Flood Analysis Rainfall: Future 10-Year SCS Type II (6.59")

Appendix D.10

Sector C2

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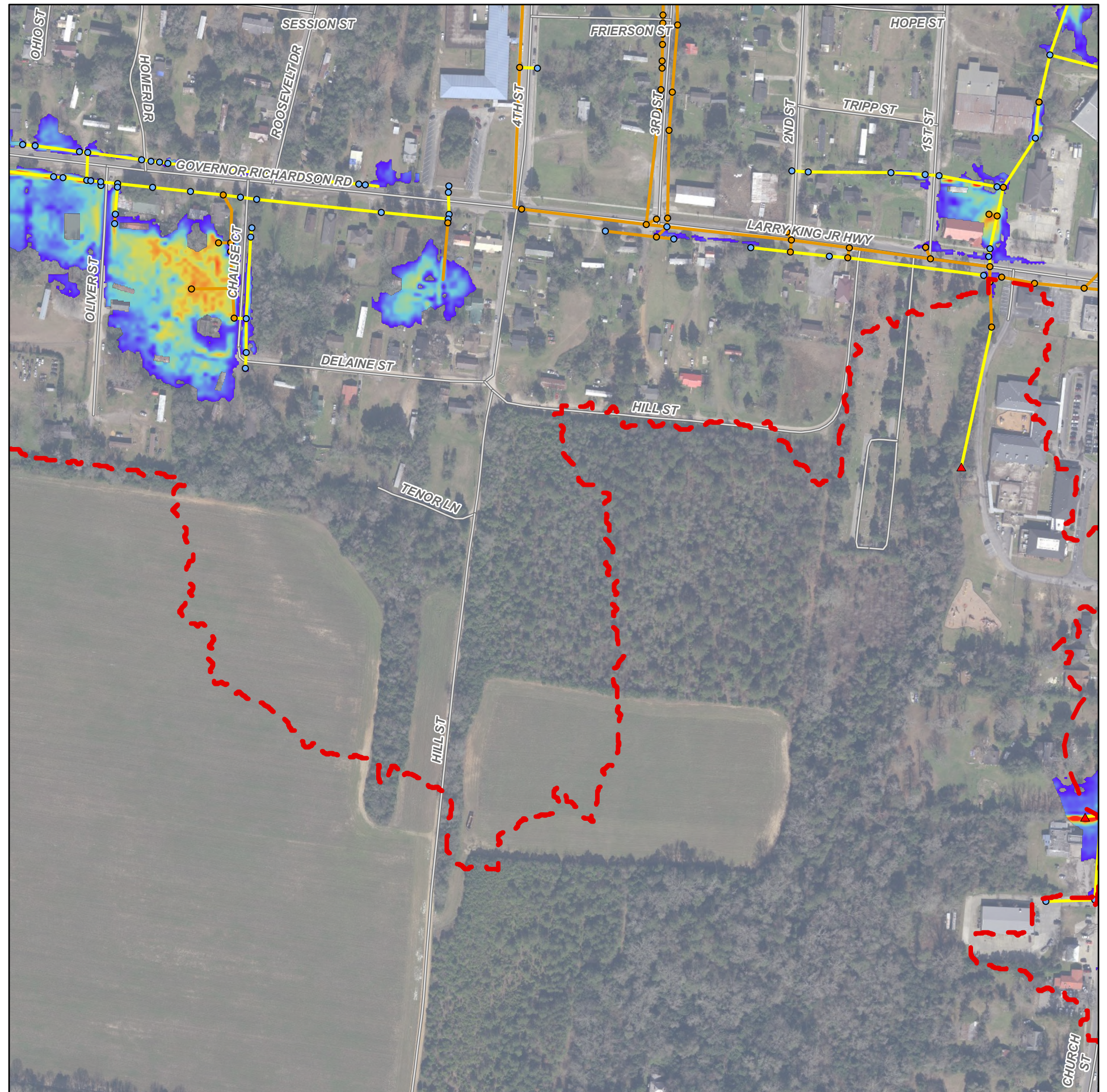
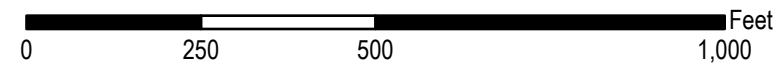
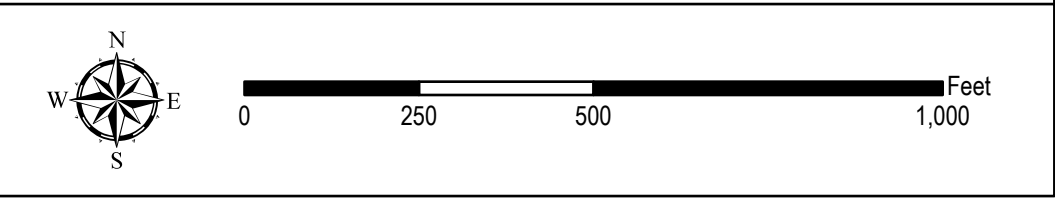
NOTES:

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2. Background 2020 aerial imagery collected by Kucera International. Imagery is managed by Adam DeMars, South Carolina State GIS Coordinator and hosted by ESRI.

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**Legend**

- |   |                           |   |                     |
|---|---------------------------|---|---------------------|
|  | Study Boundary            |  | Pipe/Drainage Ditch |
|  | Roadway                   |  | Existing            |
|  | Outfall                   |   | Proposed            |
|  | Proposed Detention Basin  |  | Maximum Flood Depth |
|   | Inlet/Manhole/End of Pipe |   | > 3.00 ft           |
|  | Existing                  |   | 0.10 ft             |
|  | Proposed                  |   |                     |





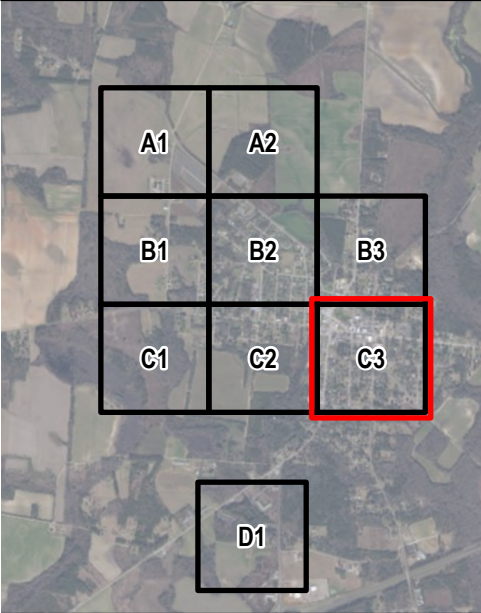
Town of Summerton | SC Office of Resilience  
Hydrologic and Hydraulic Study

Proposed Conditions Flood Analysis  
Rainfall: Future 10-Year SCS Type II (6.59")

Appendix D.10

Sector C3

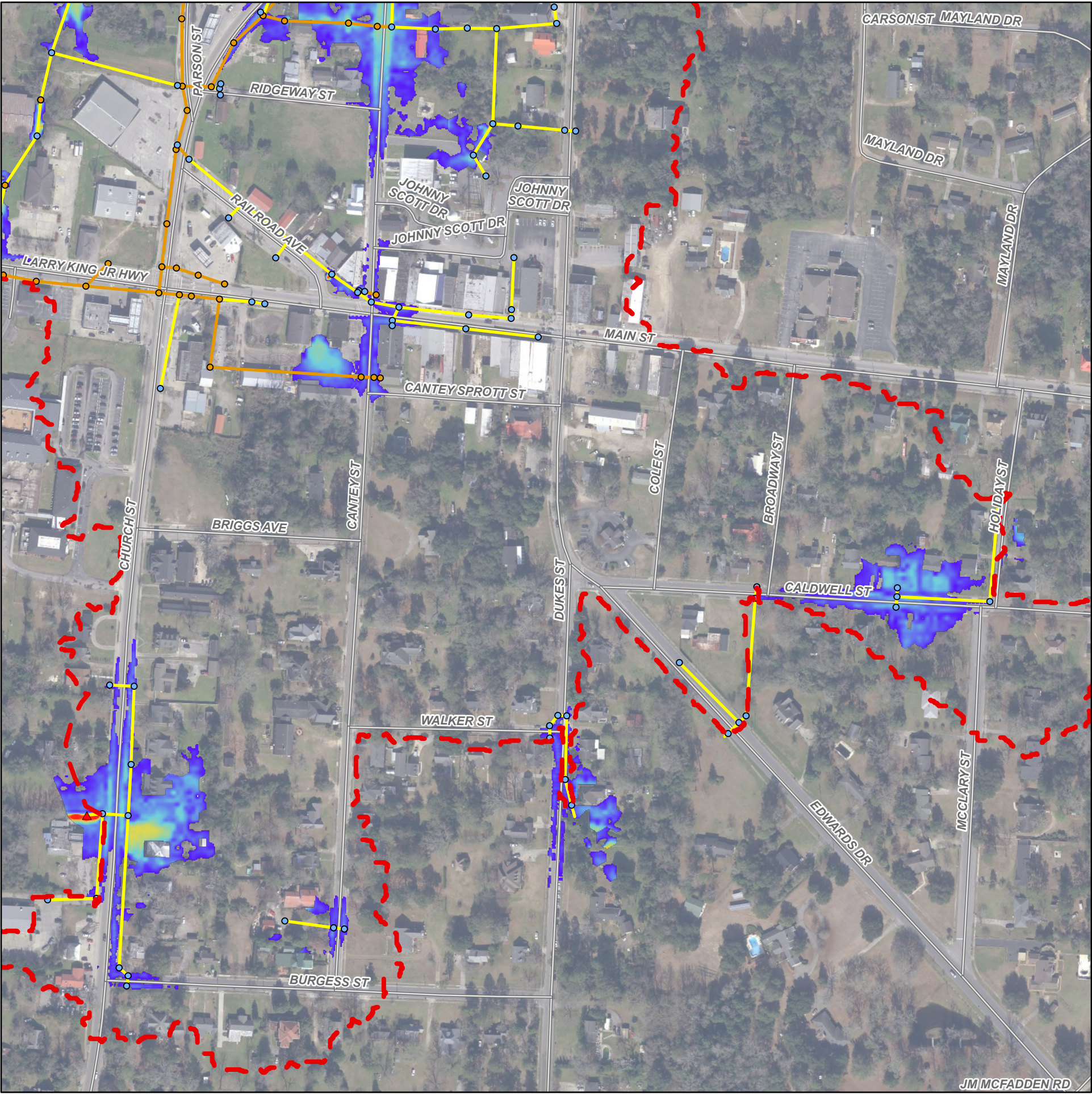
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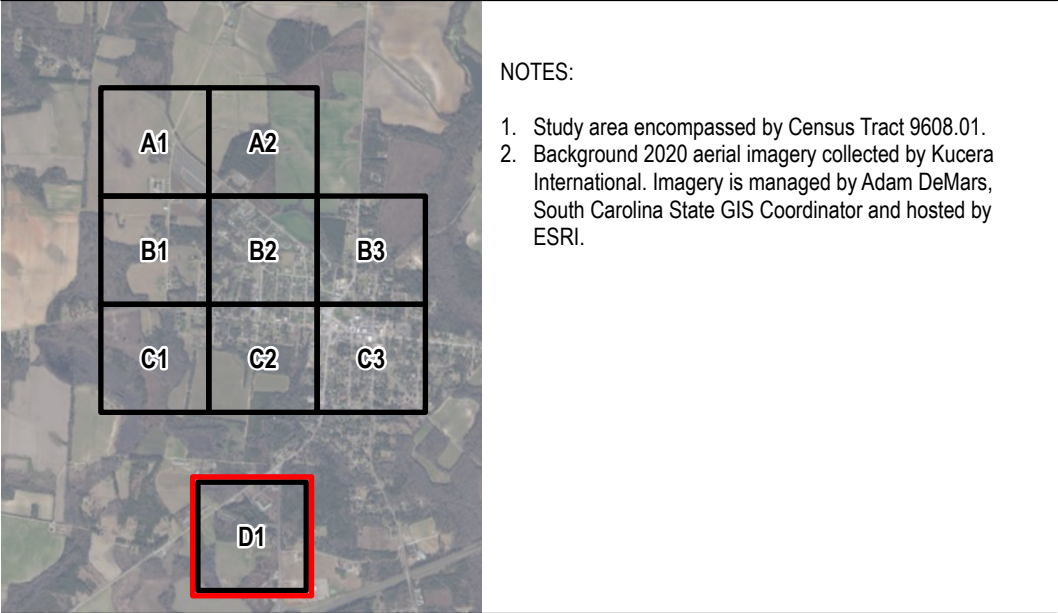
- NOTES:
1. Study area encompassed by Census Tract 9608.01.
  2. Background 2020 aerial imagery collected by Kucera International. Imagery is managed by Adam DeMars, South Carolina State GIS Coordinator and hosted by ESRI.

Legend

- Study Boundary
- Roadway
- Outfall
- Proposed Detention Basin
- Inlet/Manhole/End of Pipe
- Existing
- Proposed
- Pipe/Drainage Ditch
- Existing
- Proposed
- Maximum Flood Depth
- > 3.00 ft
- 0.10 ft







### Legend

Study Boundary

Roadway

Outfall

Proposed Detention Basin

Inlet/Manhole/End of Pipe

Existing

Proposed

Pipe/Drainage Ditch

Existing

Proposed

Maximum Flood Depth

> 3.00 ft

0.10 ft

0

250

500

1,000

Feet



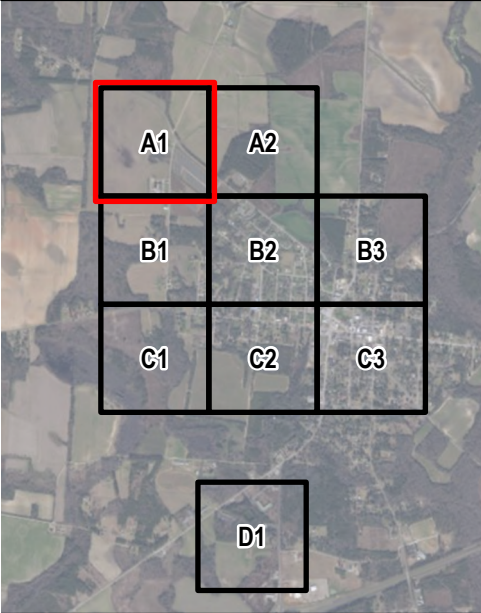
Town of Summerton | SC Office of Resilience  
Hydrologic and Hydraulic Study

Proposed Conditions Flood Analysis  
Rainfall: Future 25-Year SCS Type II (8.16")

Appendix D.11

Sector A1

Page 1 of 9



- NOTES:
- 1. Study area encompassed by Census Tract 9608.01.
  - 2. Background 2020 aerial imagery collected by Kucera International. Imagery is managed by Adam DeMars, South Carolina State GIS Coordinator and hosted by ESRI.

Legend

- Study Boundary

Roadway

Outfall

Proposed Detention Basin

Inlet/Manhole/End of Pipe Existing

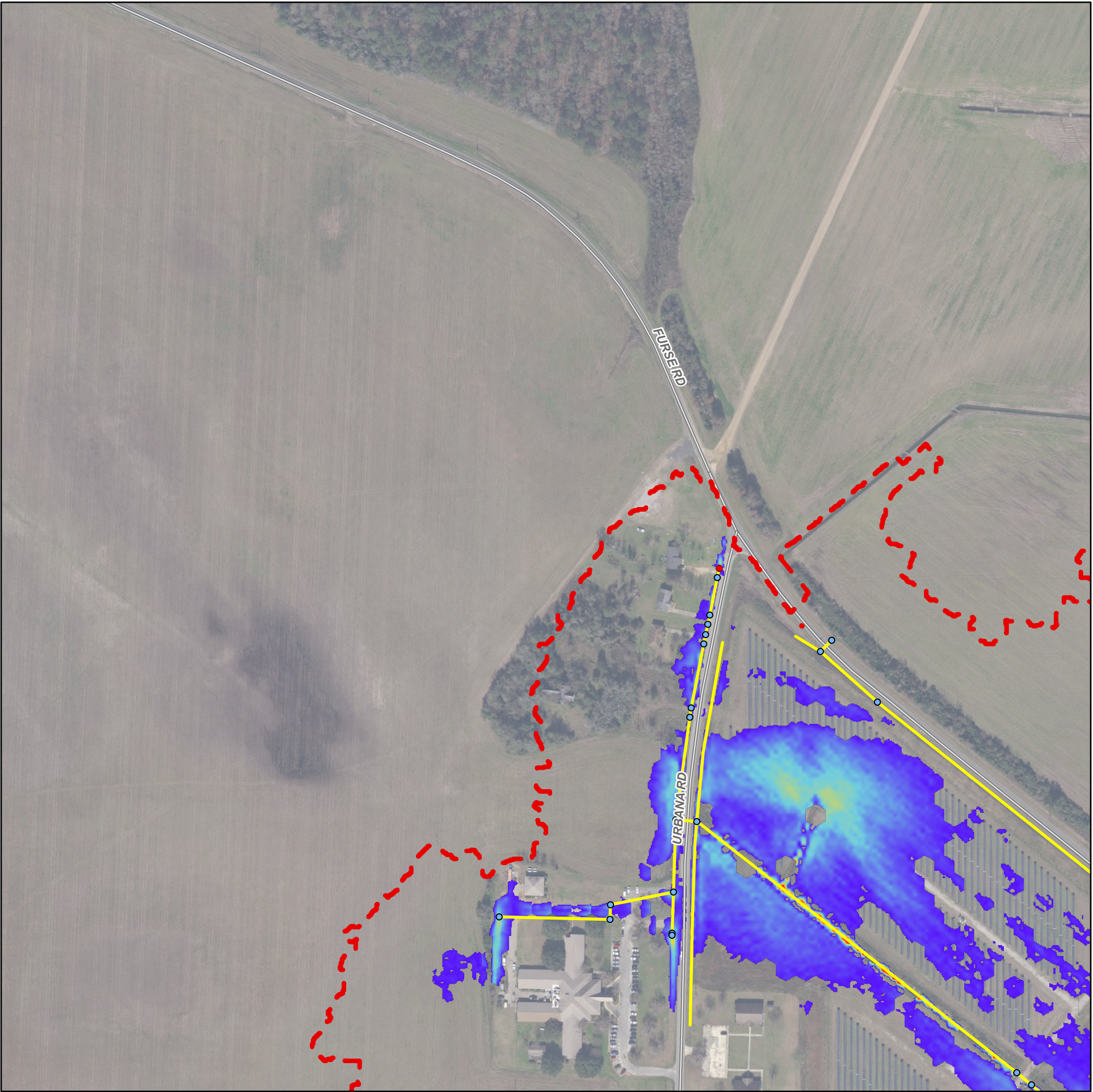
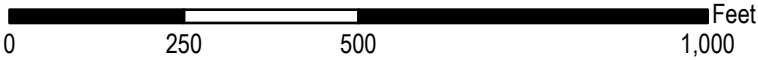
Inlet/Manhole/End of Pipe Proposed
- Pipe/Drainage Ditch Existing

Pipe/Drainage Ditch Proposed

Maximum Flood Depth

> 3.00 ft

0.10 ft





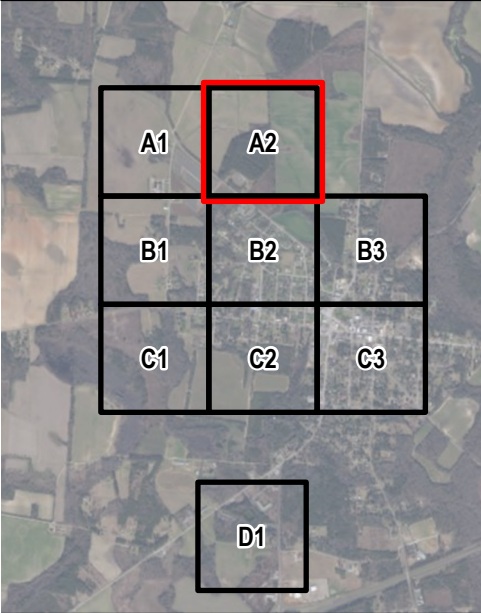
Town of Summerton | SC Office of Resilience  
Hydrologic and Hydraulic Study

Proposed Conditions Flood Analysis  
Rainfall: Future 25-Year SCS Type II (8.16")

Appendix D.11

Sector A2

Page 2 of 9



- NOTES:
- 1. Study area encompassed by Census Tract 9608.01.
  - 2. Background 2020 aerial imagery collected by Kucera International. Imagery is managed by Adam DeMars, South Carolina State GIS Coordinator and hosted by ESRI.

Legend

- Study Boundary

Roadway

Outfall

Proposed Detention Basin

Inlet/Manhole/End of Pipe Existing

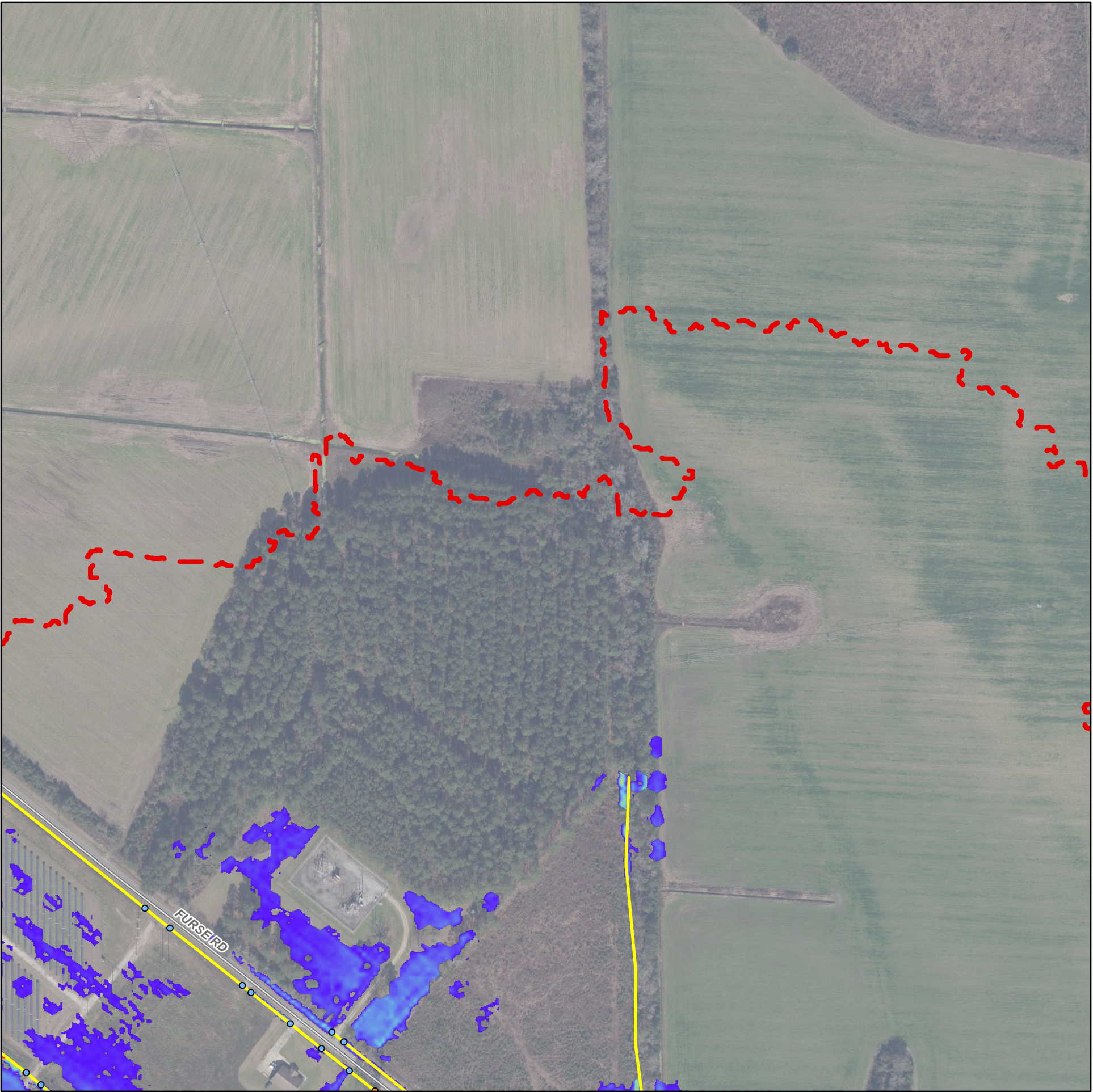
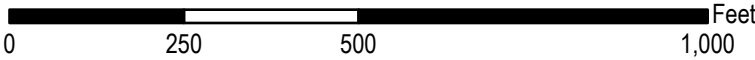
Inlet/Manhole/End of Pipe Proposed
- Pipe/Drainage Ditch Existing

Pipe/Drainage Ditch Proposed

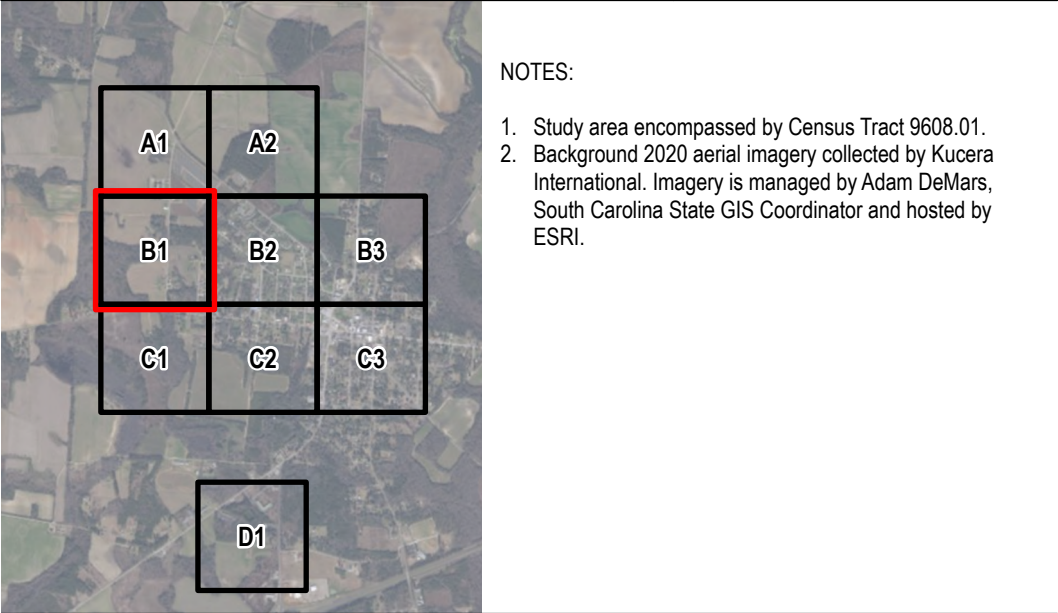
Maximum Flood Depth

> 3.00 ft

0.10 ft







### Legend

Study Boundary

Roadway

Outfall

Proposed Detention Basin

Inlet/Manhole/End of Pipe Existing

Inlet/Manhole/End of Pipe Proposed

Pipe/Drainage Ditch Existing

Pipe/Drainage Ditch Proposed

Maximum Flood Depth

> 3.00 ft

0.10 ft



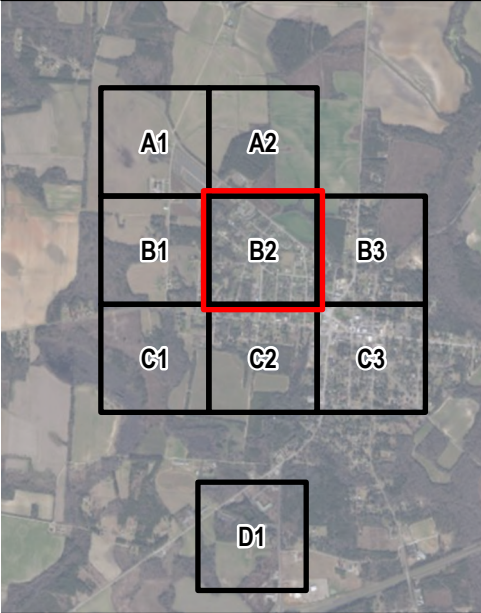
Town of Summerton | SC Office of Resilience  
Hydrologic and Hydraulic Study

Proposed Conditions Flood Analysis  
Rainfall: Future 25-Year SCS Type II (8.16")

Appendix D.11

Sector B2

Page 4 of 9



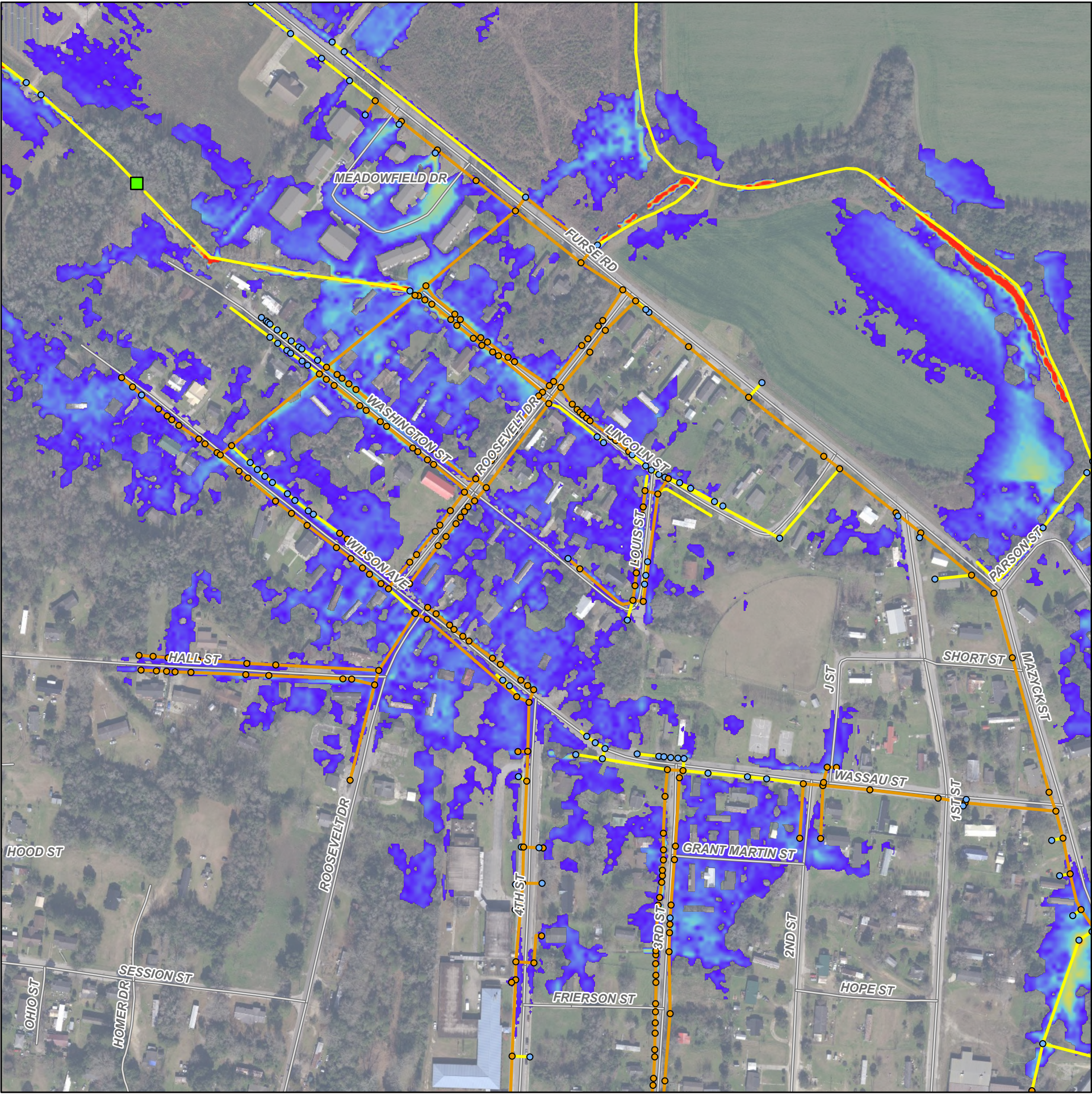
- NOTES:
1. Study area encompassed by Census Tract 9608.01.
  2. Background 2020 aerial imagery collected by Kucera International. Imagery is managed by Adam DeMars, South Carolina State GIS Coordinator and hosted by ESRI.

Legend

- |                                    |                              |
|------------------------------------|------------------------------|
| Study Boundary                     | Pipe/Drainage Ditch Existing |
| Roadway                            | Proposed                     |
| Outfall                            | Maximum Flood Depth          |
| Proposed Detention Basin           | > 3.00 ft                    |
| Inlet/Manhole/End of Pipe Existing | 0.10 ft                      |
| Proposed                           |                              |



0 250 500 1,000 Feet





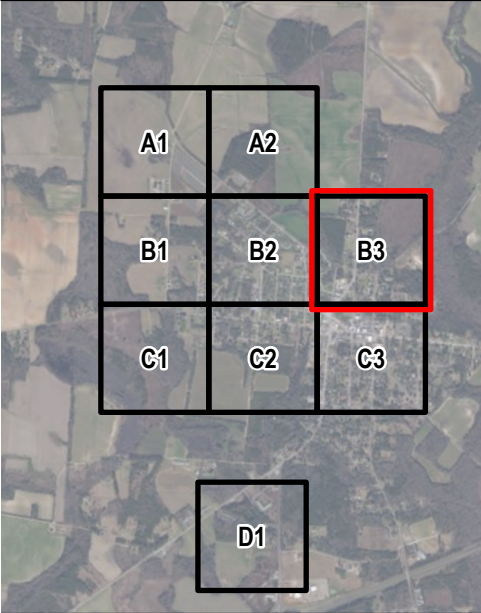
Town of Summerton | SC Office of Resilience  
Hydrologic and Hydraulic Study

Proposed Conditions Flood Analysis  
Rainfall: Future 25-Year SCS Type II (8.16")

Appendix D.11

Sector B3

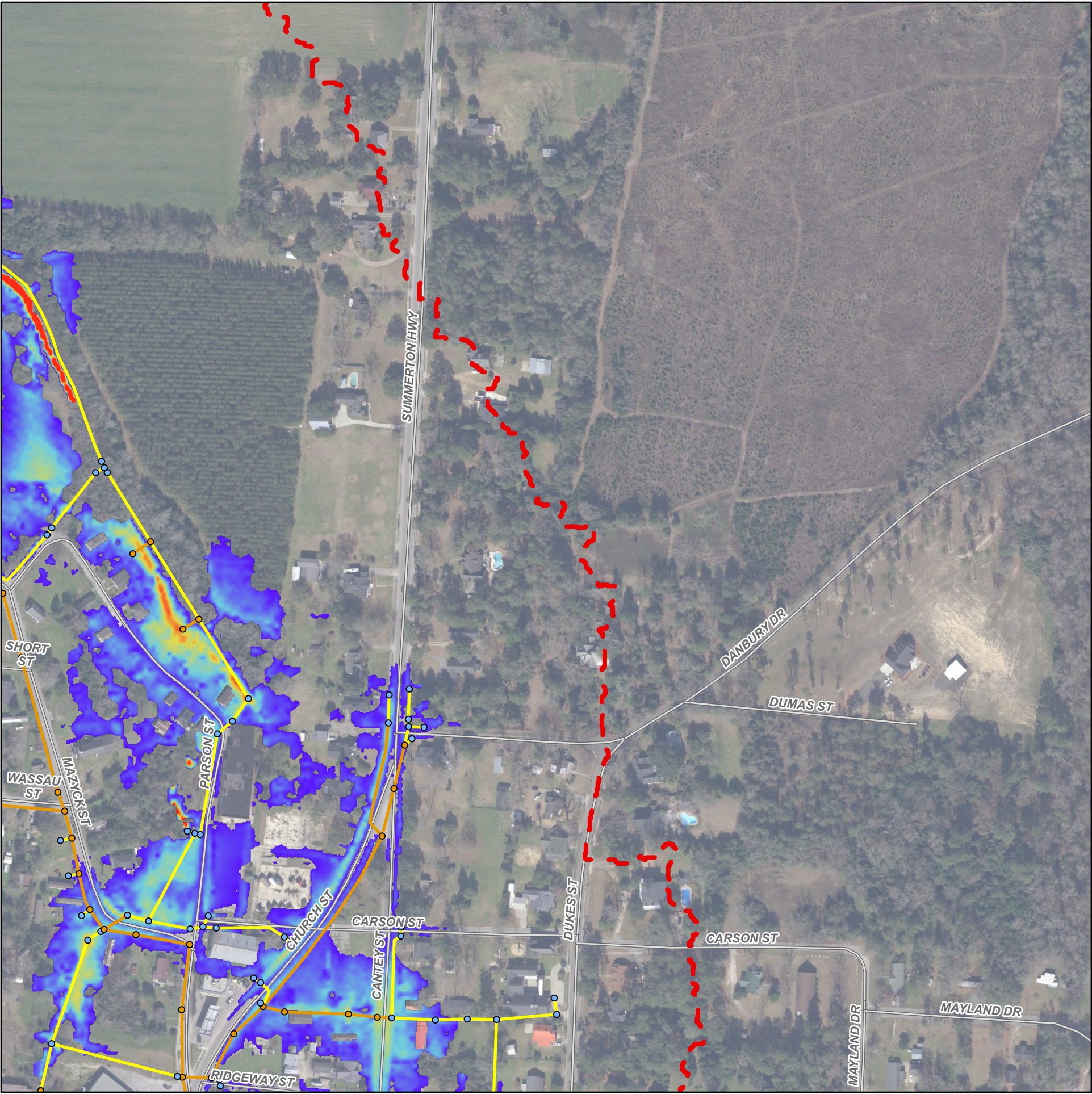
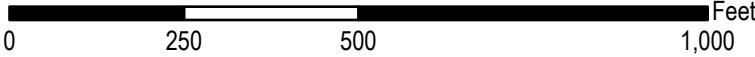
Page 5 of 9



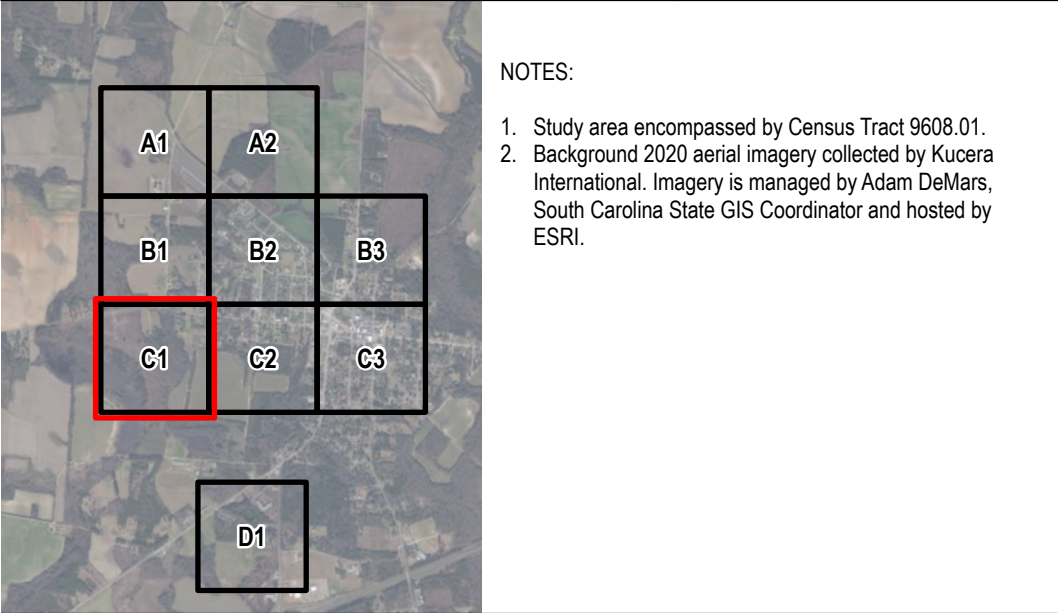
- NOTES:
- 1. Study area encompassed by Census Tract 9608.01.
  - 2. Background 2020 aerial imagery collected by Kucera International. Imagery is managed by Adam DeMars, South Carolina State GIS Coordinator and hosted by ESRI.

Legend

- |                                    |                              |
|------------------------------------|------------------------------|
| Study Boundary                     | Pipe/Drainage Ditch Existing |
| Roadway                            | Proposed                     |
| Outfall                            | Maximum Flood Depth          |
| Proposed Detention Basin           | > 3.00 ft                    |
| Inlet/Manhole/End of Pipe Existing | 0.10 ft                      |
| Proposed                           |                              |







Legend

Study Boundary

Roadway

Outfall

Proposed Detention Basin

Inlet/Manhole/End of Pipe

Existing

Proposed

Pipe/Drainage Ditch

Existing

Proposed

Maximum Flood Depth

> 3.00 ft

0.10 ft

0

250

500

1,000

Feet



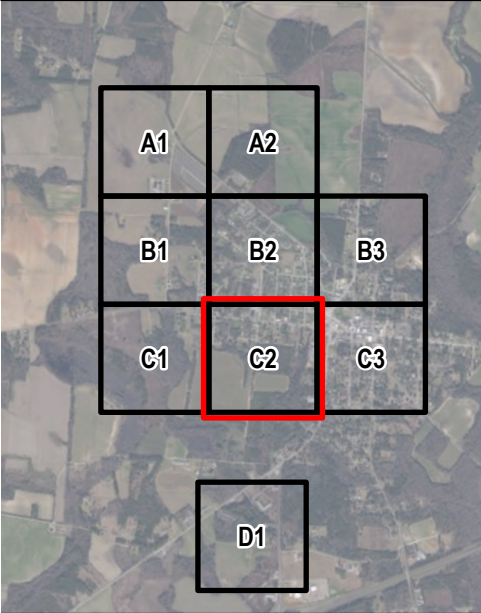
Town of Summerton | SC Office of Resilience  
Hydrologic and Hydraulic Study

Proposed Conditions Flood Analysis  
Rainfall: Future 25-Year SCS Type II (8.16")

Appendix D.11

Sector C2

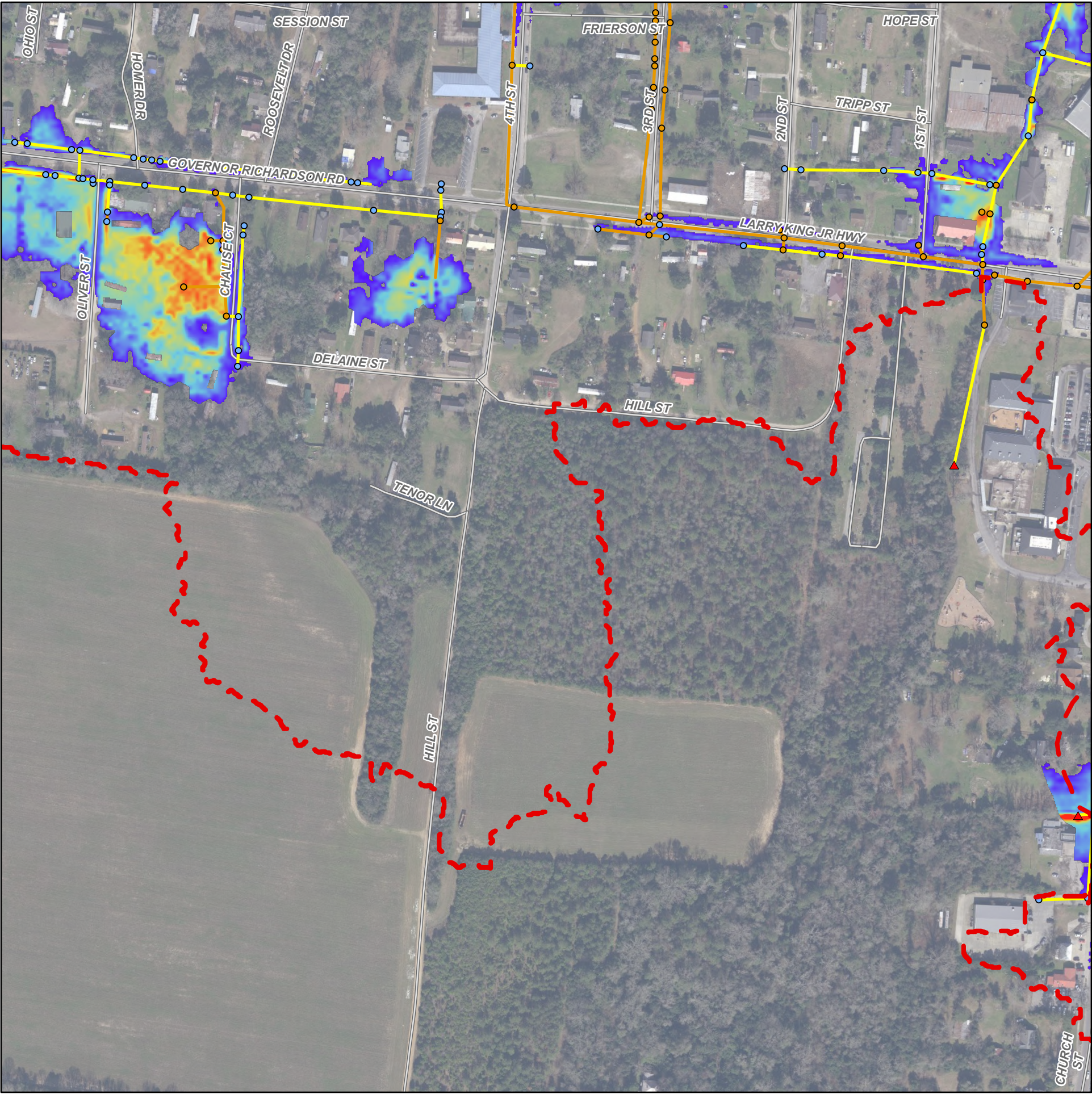
Page 7 of 9



- NOTES:
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  2. Background 2020 aerial imagery collected by Kucera International. Imagery is managed by Adam DeMars, South Carolina State GIS Coordinator and hosted by ESRI.

Legend

- |                                    |                              |
|------------------------------------|------------------------------|
| Study Boundary                     | Pipe/Drainage Ditch Existing |
| Roadway                            | Pipe/Drainage Ditch Proposed |
| Outfall                            | Maximum Flood Depth          |
| Proposed Detention Basin           | > 3.00 ft<br>0.10 ft         |
| Inlet/Manhole/End of Pipe Existing |                              |
| Inlet/Manhole/End of Pipe Proposed |                              |





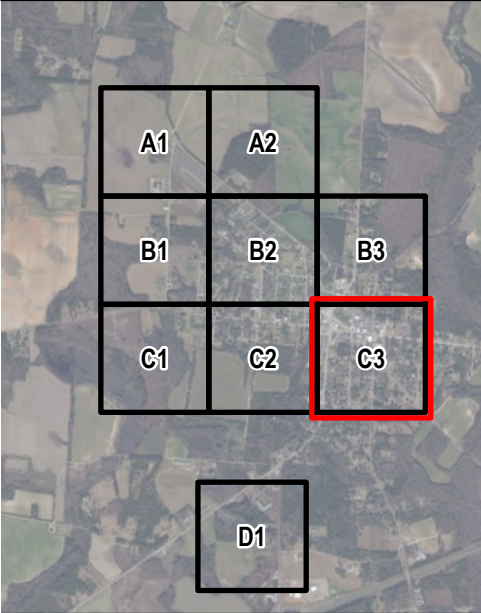
Town of Summerton | SC Office of Resilience  
Hydrologic and Hydraulic Study

Proposed Conditions Flood Analysis  
Rainfall: Future 25-Year SCS Type II (8.16")

Appendix D.11

Sector C3

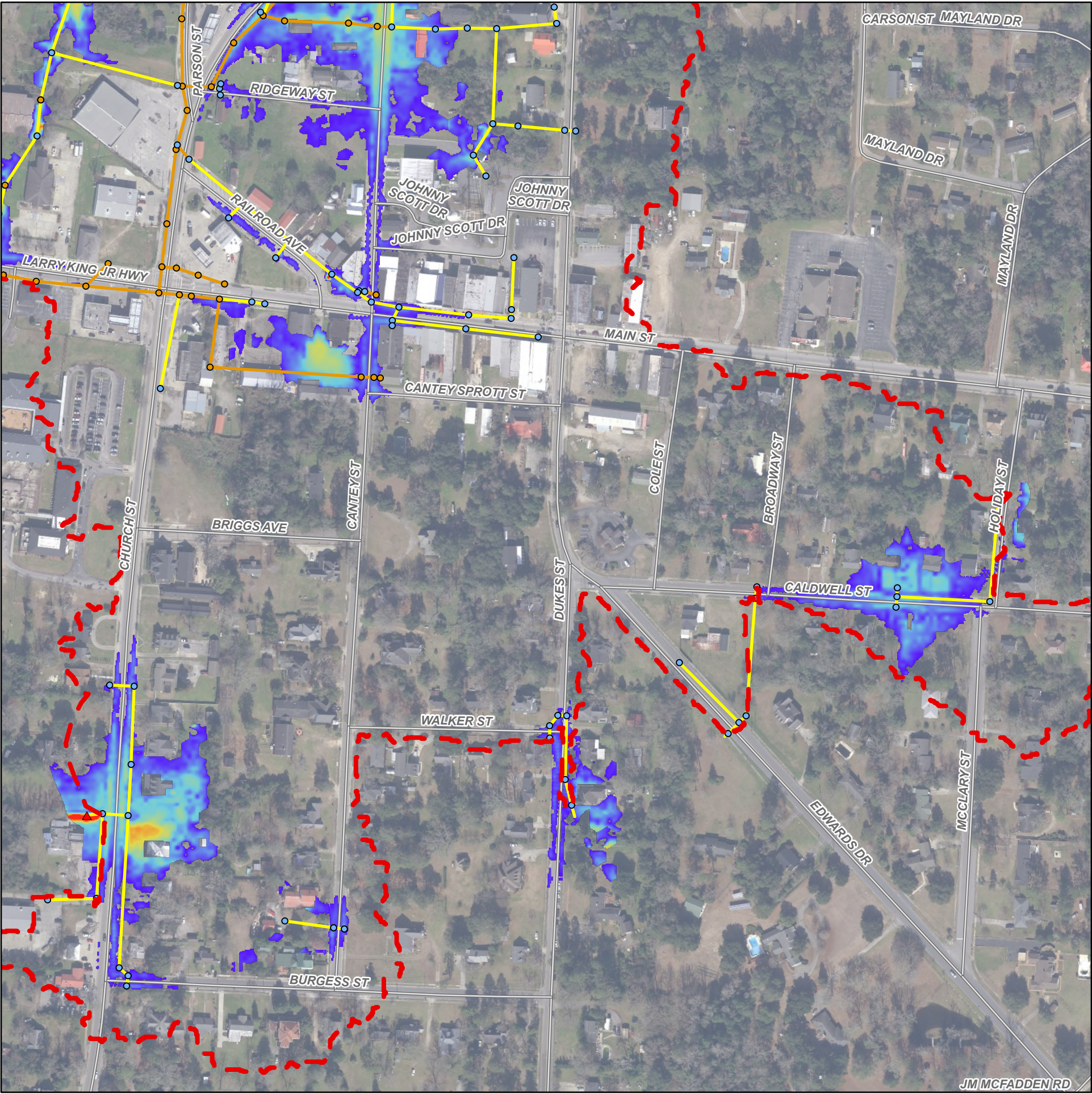
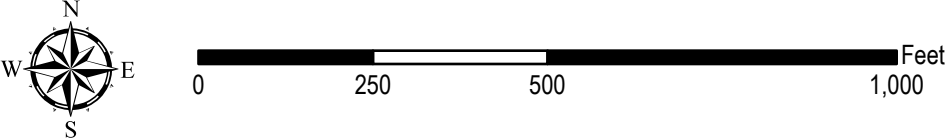
Page 8 of 9



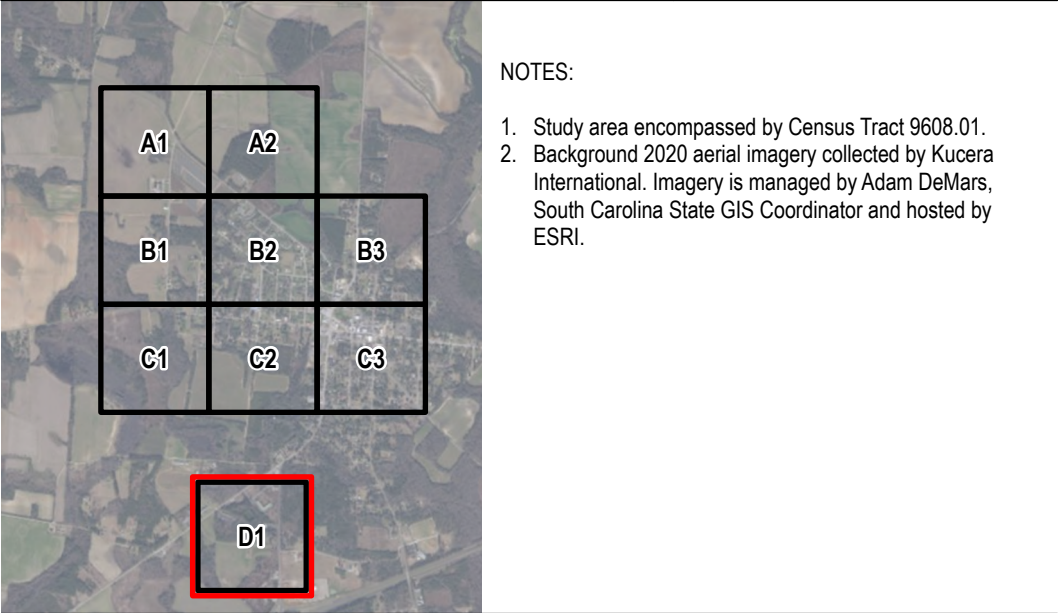
- NOTES:
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Legend

- Study Boundary
- Roadway
- Outfall
- Proposed Detention Basin
- Inlet/Manhole/End of Pipe
- Existing
- Proposed
- Pipe/Drainage Ditch
- Existing
- Proposed
- Maximum Flood Depth
- > 3.00 ft
- 0.10 ft







Legend

Study Boundary

Roadway

Outfall

Proposed Detention Basin

Inlet/Manhole/End of Pipe

Existing

Proposed

Pipe/Drainage Ditch

Existing

Proposed

Maximum Flood Depth

> 3.00 ft

0.10 ft

0

250

500

1,000

Feet



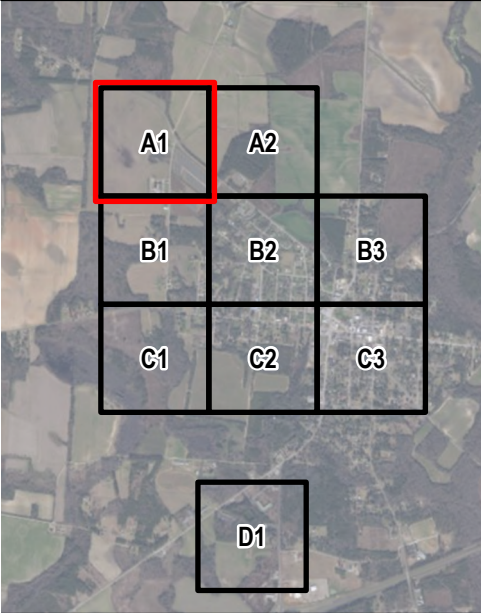
Town of Summerton | SC Office of Resilience  
Hydrologic and Hydraulic Study

Proposed Conditions Flood Analysis  
Rainfall: Future 100-Year SCS Type II (11.11")

Appendix D.12

Sector A1

Page 1 of 9



- NOTES:
- 1. Study area encompassed by Census Tract 9608.01.
  - 2. Background 2020 aerial imagery collected by Kucera International. Imagery is managed by Adam DeMars, South Carolina State GIS Coordinator and hosted by ESRI.

Legend

- Study Boundary

Roadway

Outfall

Proposed Detention Basin

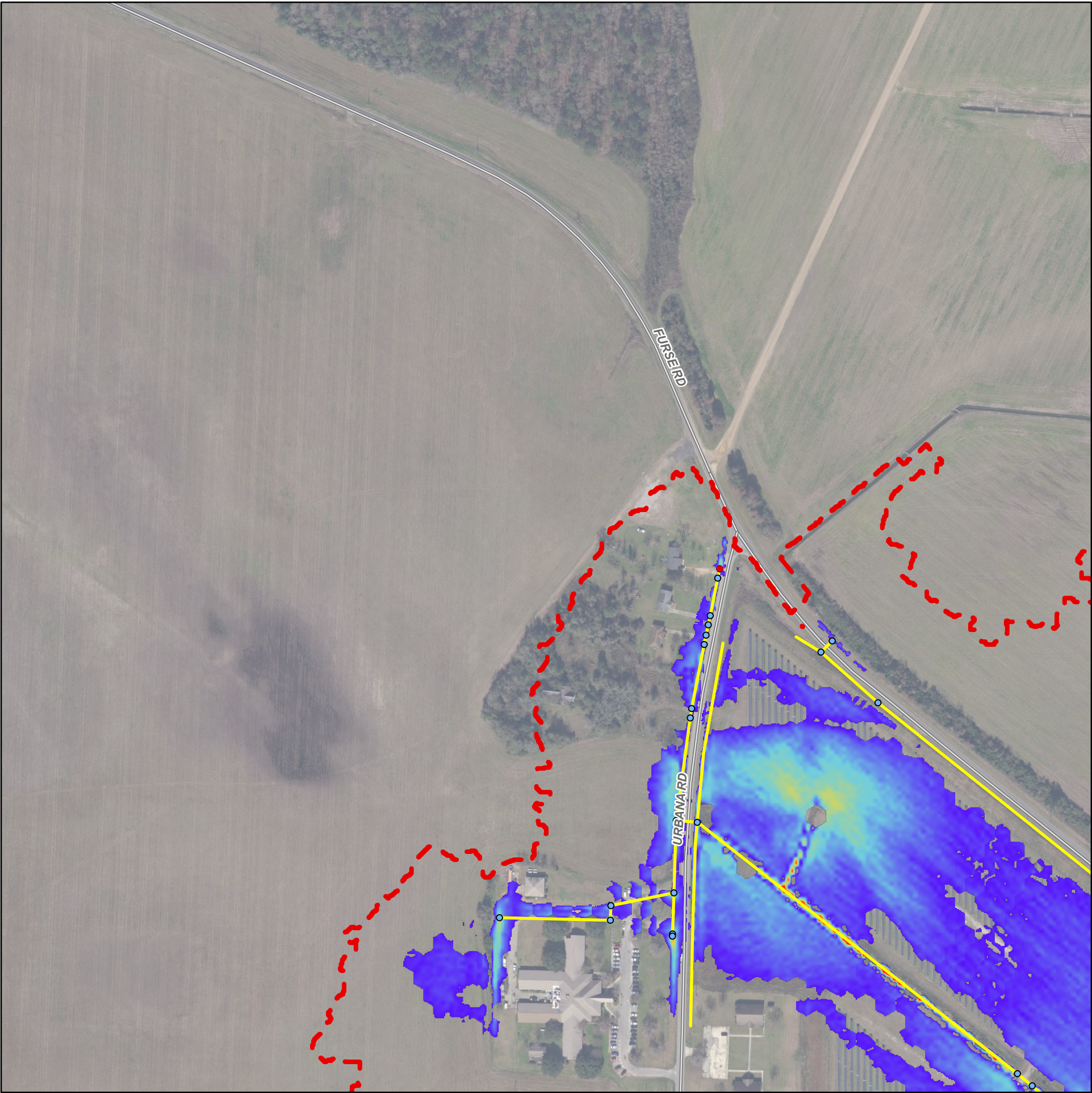
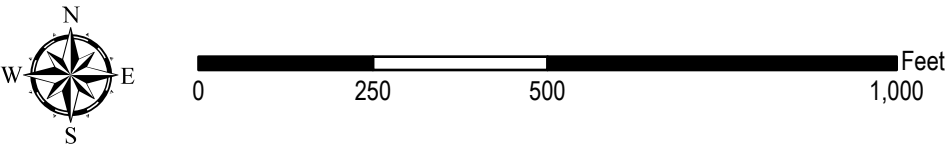
Inlet/Manhole/End of Pipe Existing

Inlet/Manhole/End of Pipe Proposed
- Pipe/Drainage Ditch Existing

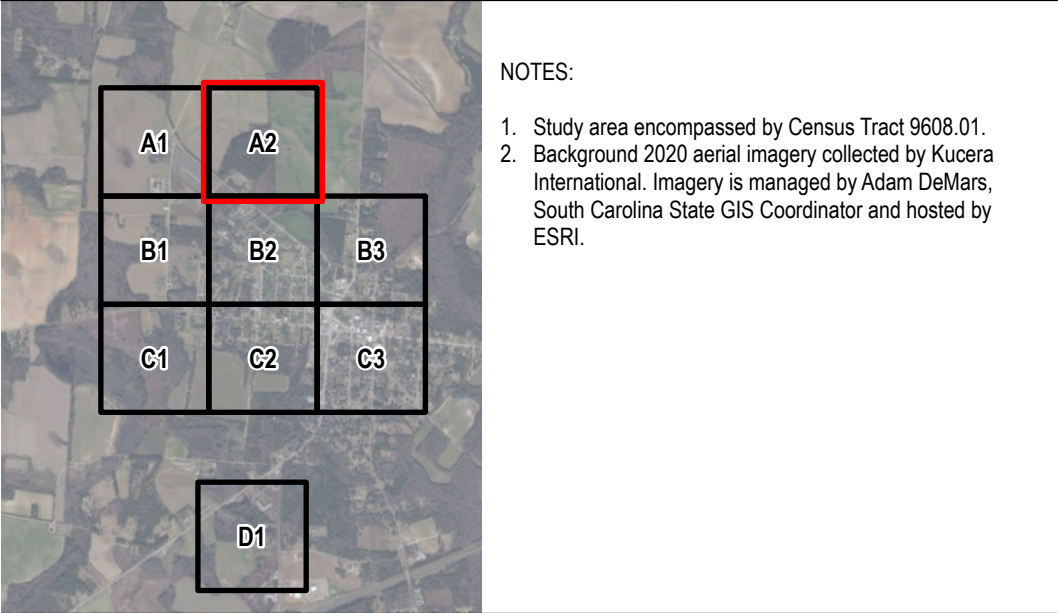
Pipe/Drainage Ditch Proposed

Maximum Flood Depth

> 3.00 ft  
0.10 ft







### Legend

Study Boundary

Roadway

Outfall

Proposed Detention Basin

Inlet/Manhole/End of Pipe

Existing

Proposed

Pipe/Drainage Ditch

Existing

Proposed

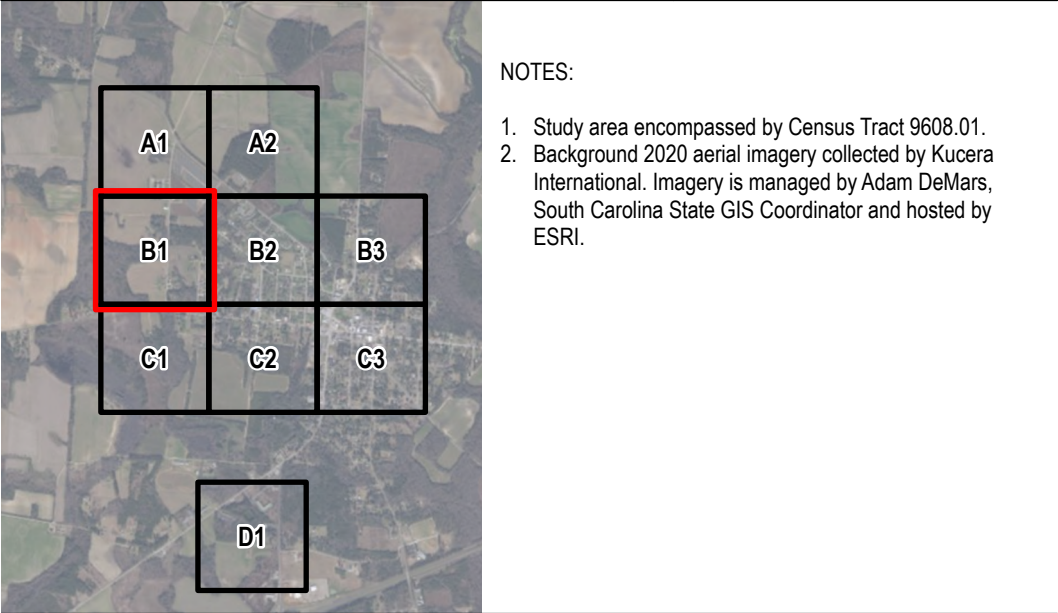
Maximum Flood Depth

> 3.00 ft

0.10 ft

This is a large-scale aerial map of the study area. A red dashed line outlines the study boundary. A yellow line represents an existing pipe or drainage ditch, and an orange line represents a proposed one. Blue and purple shaded regions indicate areas of flooding, with colors corresponding to the maximum flood depth as defined in the legend. A road labeled 'FURBERD' is visible in the lower-left quadrant. The map shows a mix of agricultural fields, wooded areas, and some developed structures.





### Legend

Study Boundary

Roadway

Outfall

Proposed Detention Basin

Inlet/Manhole/End of Pipe

Existing

Proposed

Pipe/Drainage Ditch

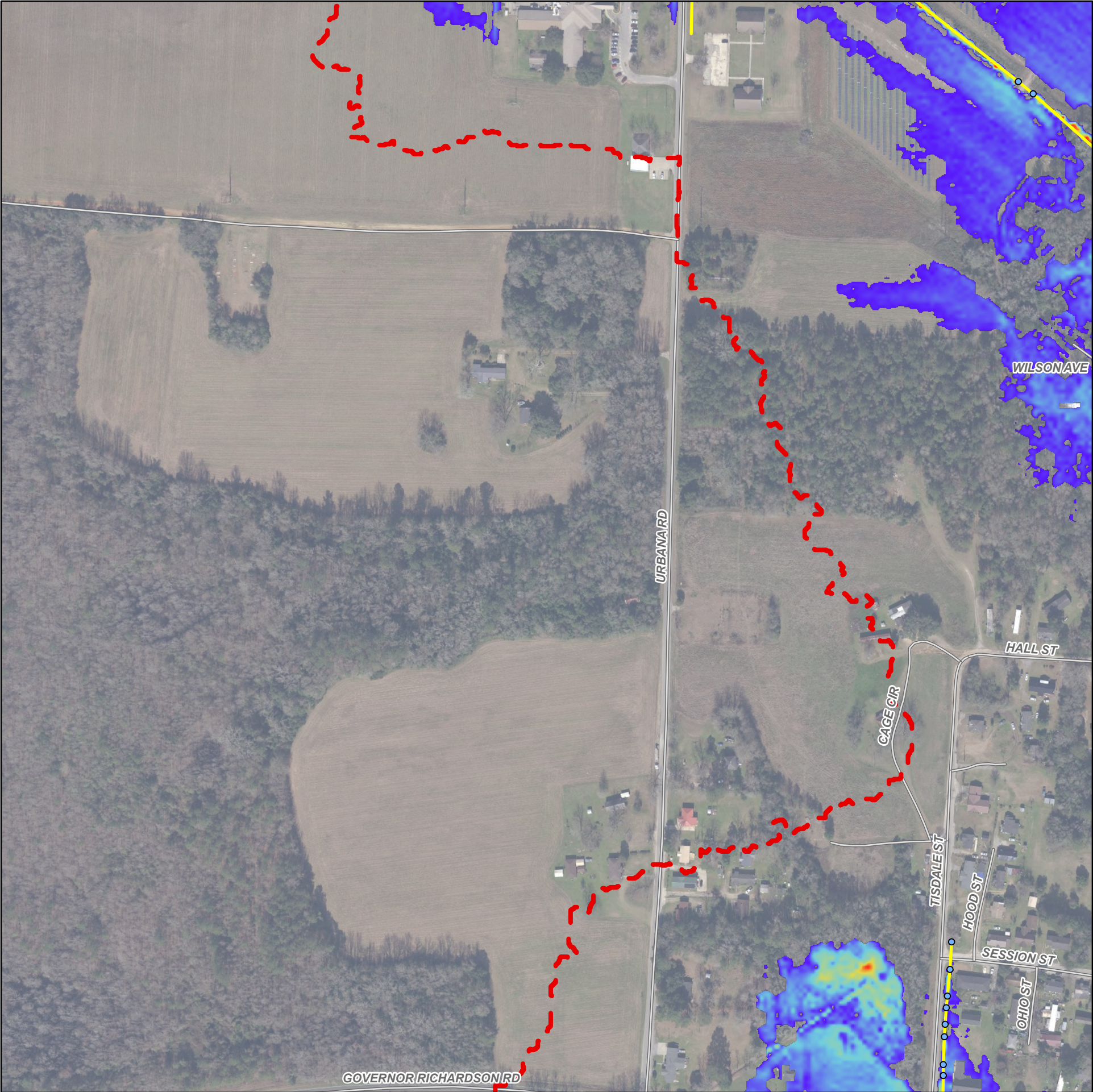
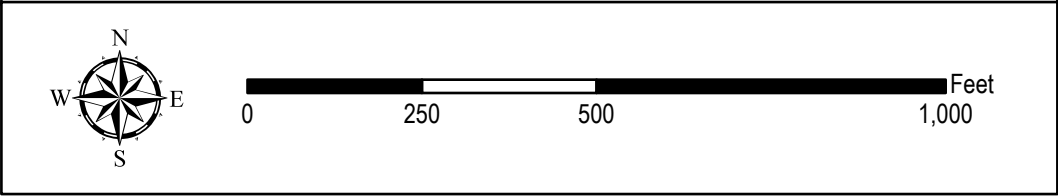
Existing

Proposed

Maximum Flood Depth

> 3.00 ft

0.10 ft





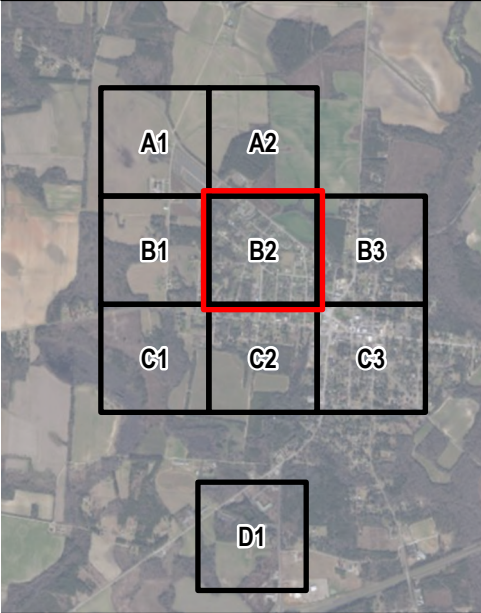
Town of Summerton | SC Office of Resilience  
Hydrologic and Hydraulic Study

Proposed Conditions Flood Analysis  
Rainfall: Future 100-Year SCS Type II (11.11")

Appendix D.12

Sector B2

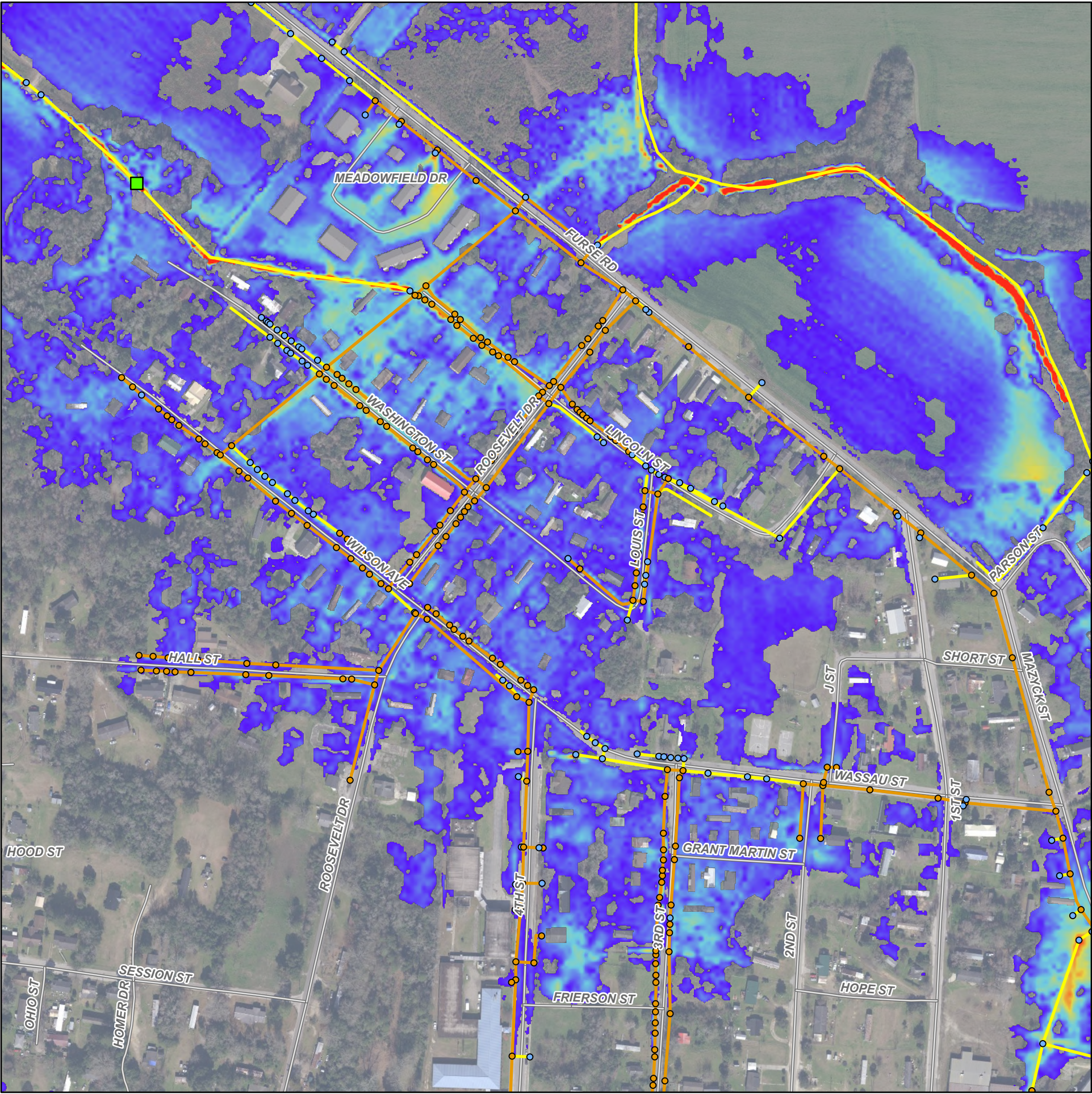
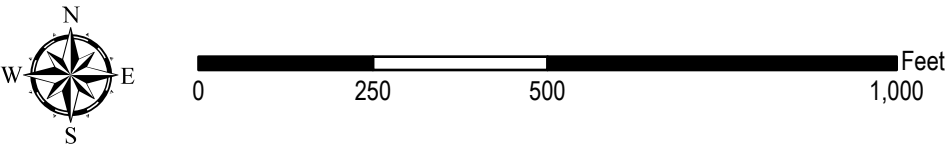
Page 4 of 9



- NOTES:
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  2. Background 2020 aerial imagery collected by Kucera International. Imagery is managed by Adam DeMars, South Carolina State GIS Coordinator and hosted by ESRI.

Legend

- |                                    |                              |
|------------------------------------|------------------------------|
| Study Boundary                     | Pipe/Drainage Ditch Existing |
| Roadway                            | Proposed                     |
| Outfall                            | Maximum Flood Depth          |
| Proposed Detention Basin           | > 3.00 ft                    |
| Inlet/Manhole/End of Pipe Existing | 0.10 ft                      |
| Proposed                           |                              |





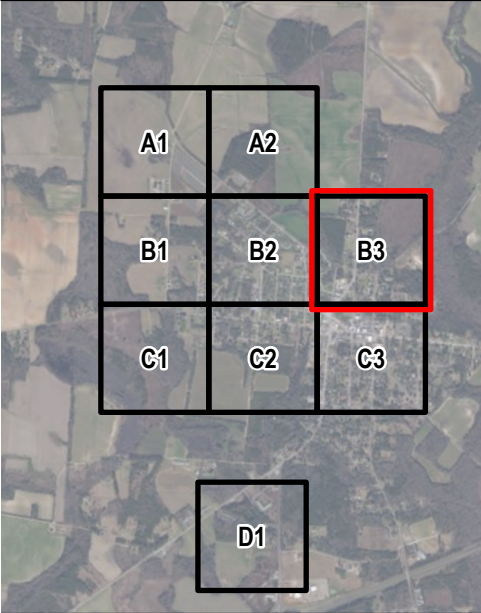
Town of Summerton | SC Office of Resilience  
Hydrologic and Hydraulic Study

Proposed Conditions Flood Analysis  
Rainfall: Future 100-Year SCS Type II (11.11")

Appendix D.12

Sector B3

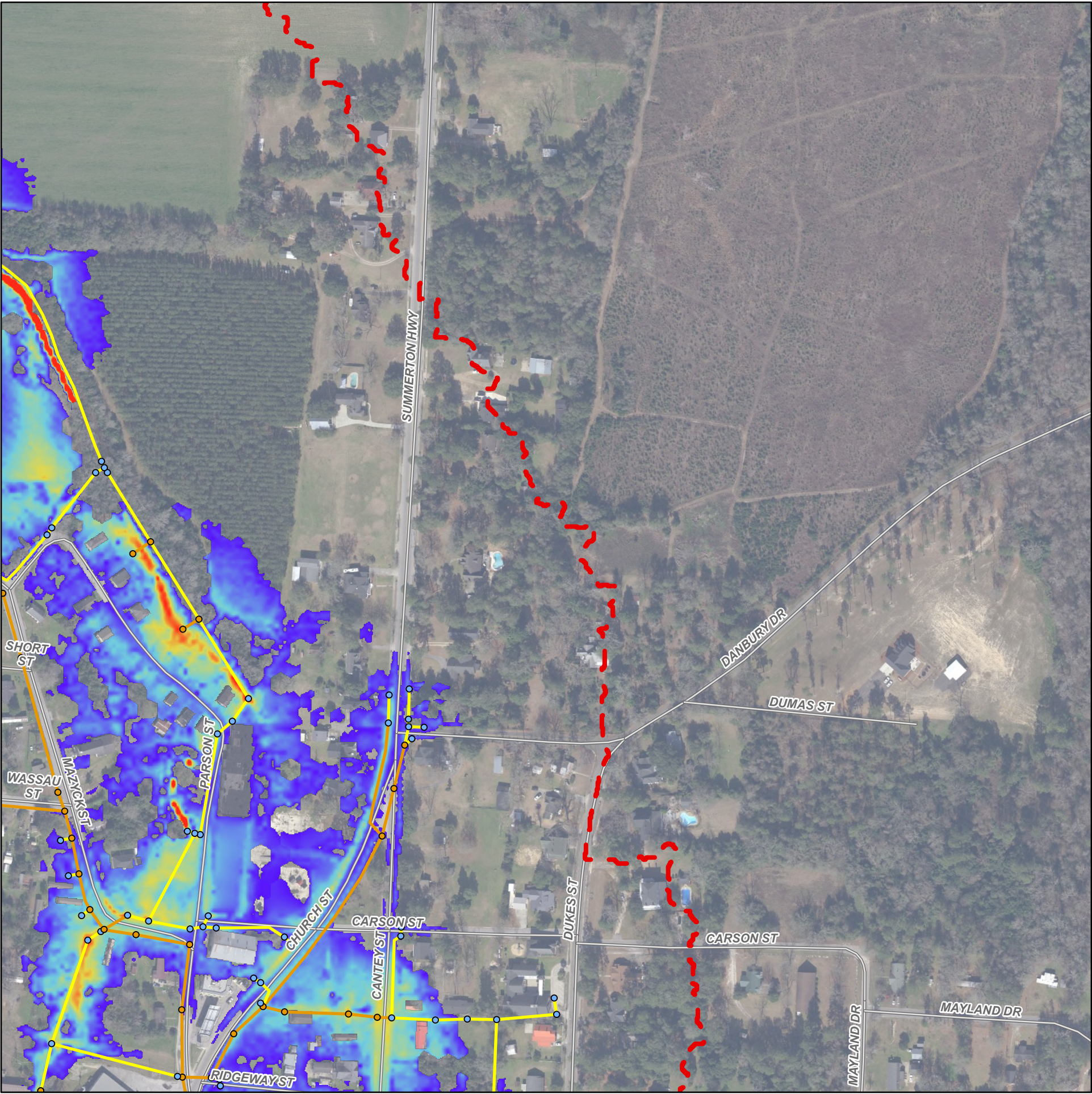
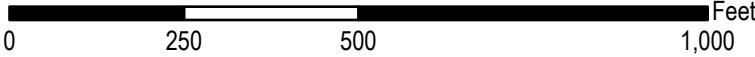
Page 5 of 9



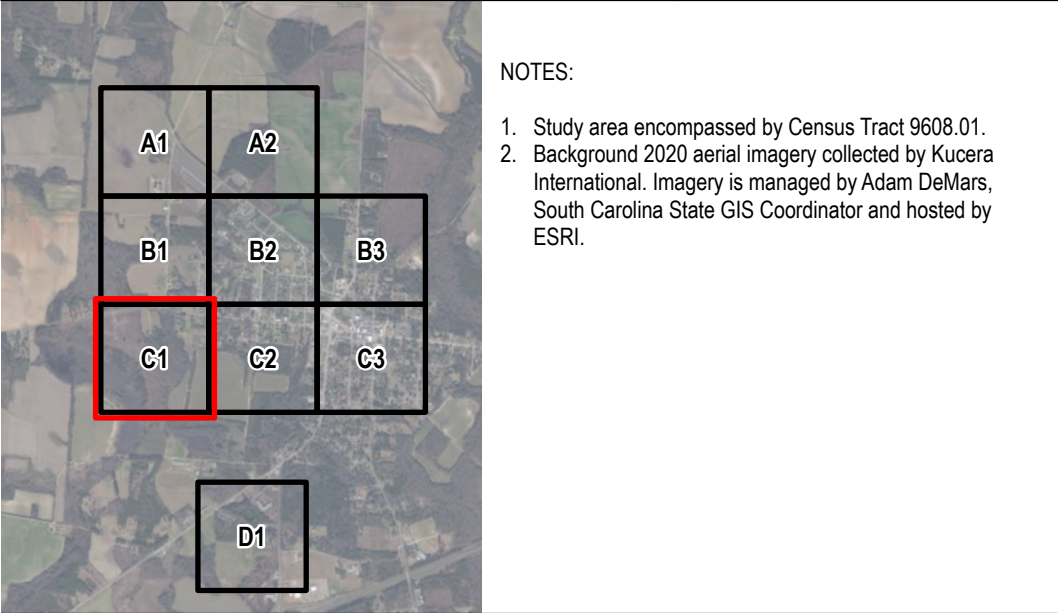
- NOTES:
- 1. Study area encompassed by Census Tract 9608.01.
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Legend

- Study Boundary
- Roadway
- Outfall
- Proposed Detention Basin
- Inlet/Manhole/End of Pipe Existing
- Inlet/Manhole/End of Pipe Proposed
- Pipe/Drainage Ditch Existing
- Pipe/Drainage Ditch Proposed
- Maximum Flood Depth
  - > 3.00 ft
  - 0.10 ft







### Legend

Study Boundary

Roadway

Outfall

Proposed Detention Basin

Inlet/Manhole/End of Pipe Existing

Inlet/Manhole/End of Pipe Proposed

Pipe/Drainage Ditch Existing

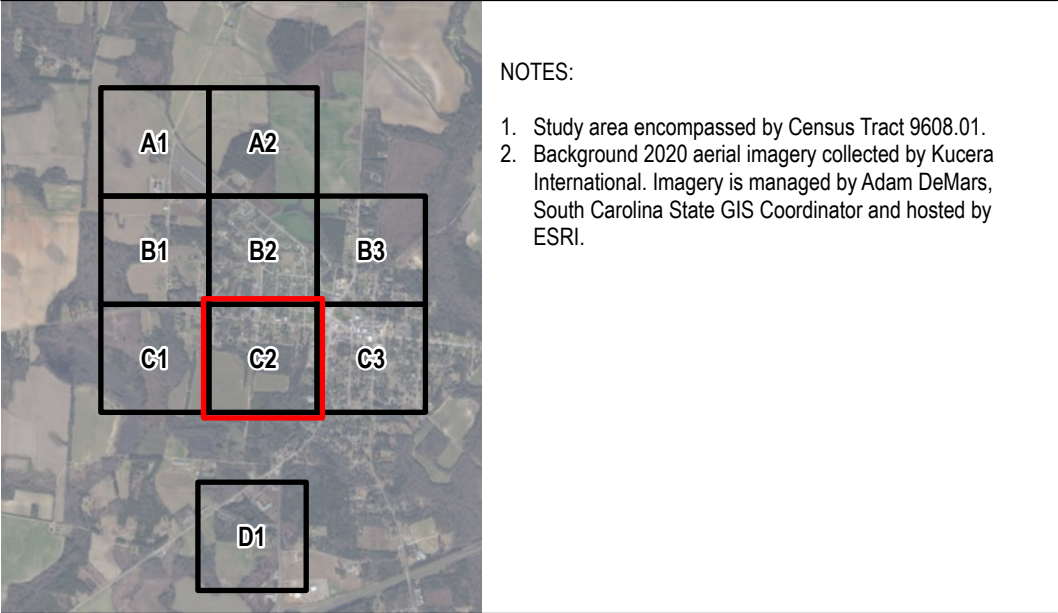
Pipe/Drainage Ditch Proposed

Maximum Flood Depth

> 3.00 ft

0.10 ft





Legend

Study Boundary

Roadway

Outfall

Proposed Detention Basin

Inlet/Manhole/End of Pipe Existing

Proposed

Pipe/Drainage Ditch Existing

Proposed

Maximum Flood Depth

> 3.00 ft

0.10 ft



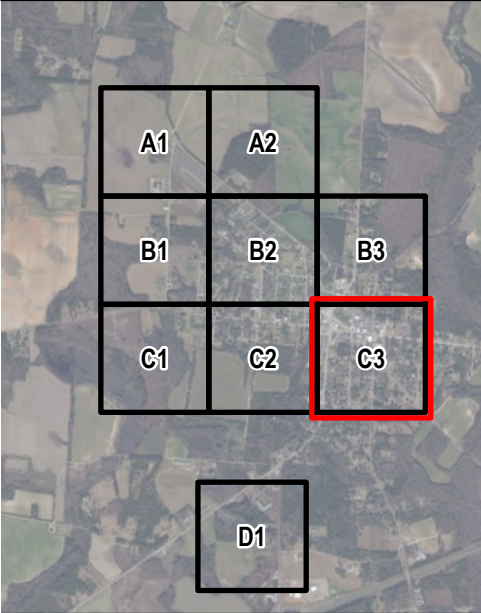
Town of Summerton | SC Office of Resilience  
Hydrologic and Hydraulic Study

Proposed Conditions Flood Analysis  
Rainfall: Future 100-Year SCS Type II (11.11")

Appendix D.12

Sector C3

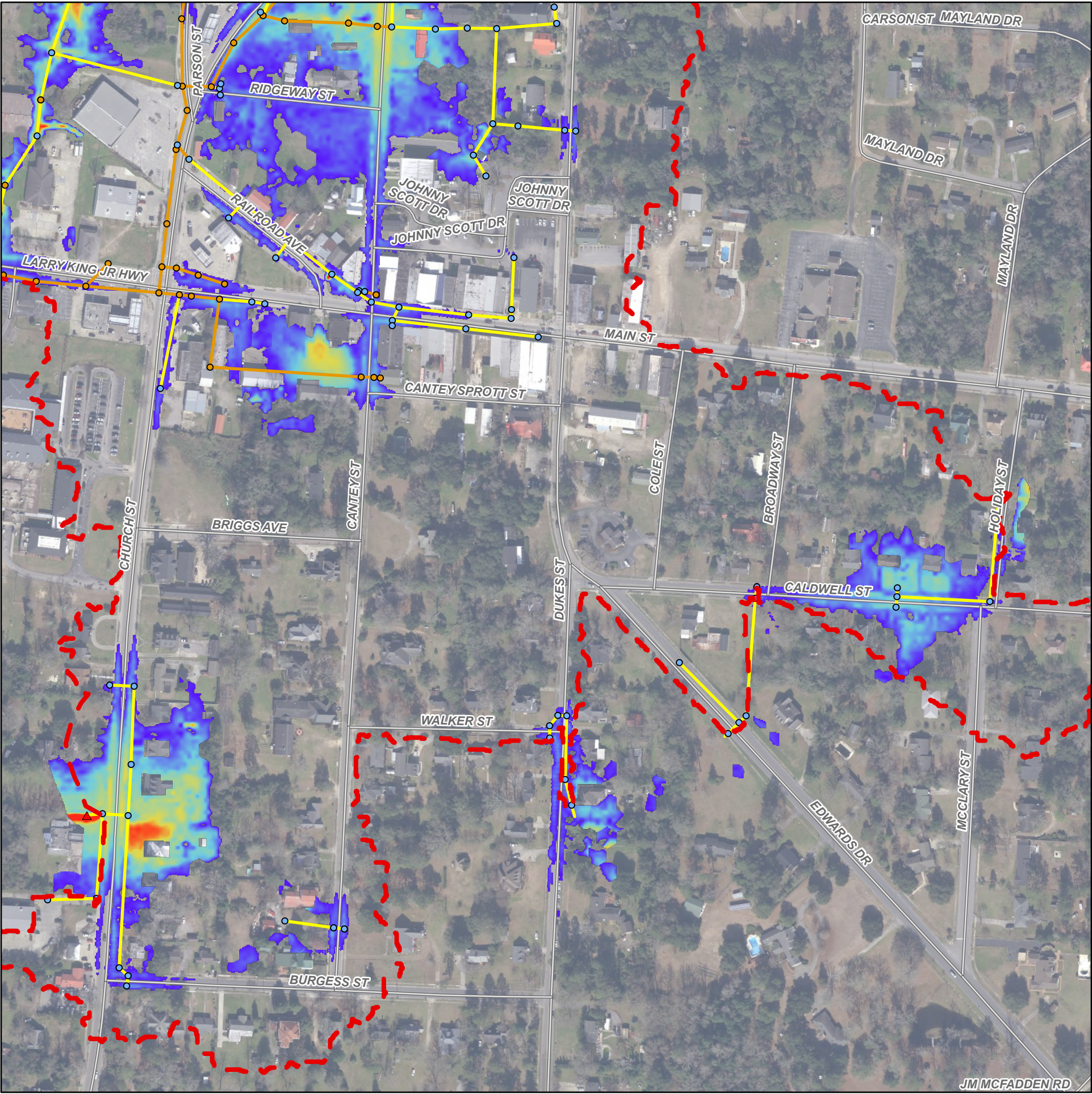
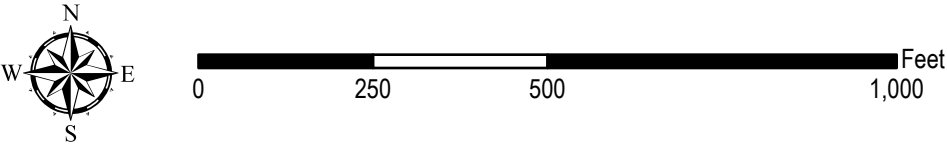
Page 8 of 9



- NOTES:
1. Study area encompassed by Census Tract 9608.01.
  2. Background 2020 aerial imagery collected by Kucera International. Imagery is managed by Adam DeMars, South Carolina State GIS Coordinator and hosted by ESRI.

Legend

- Study Boundary
- Roadway
- Outfall
- Proposed Detention Basin
- Inlet/Manhole/End of Pipe
- Existing
- Proposed
- Pipe/Drainage Ditch
- Existing
- Proposed
- Maximum Flood Depth
- > 3.00 ft
- 0.10 ft





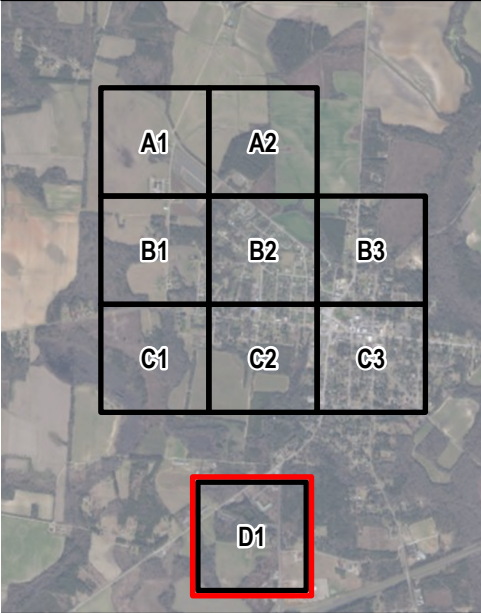
Town of Summerton | SC Office of Resilience  
Hydrologic and Hydraulic Study

Proposed Conditions Flood Analysis  
Rainfall: Future 100-Year SCS Type II (11.11")

Appendix D.12

Sector D1

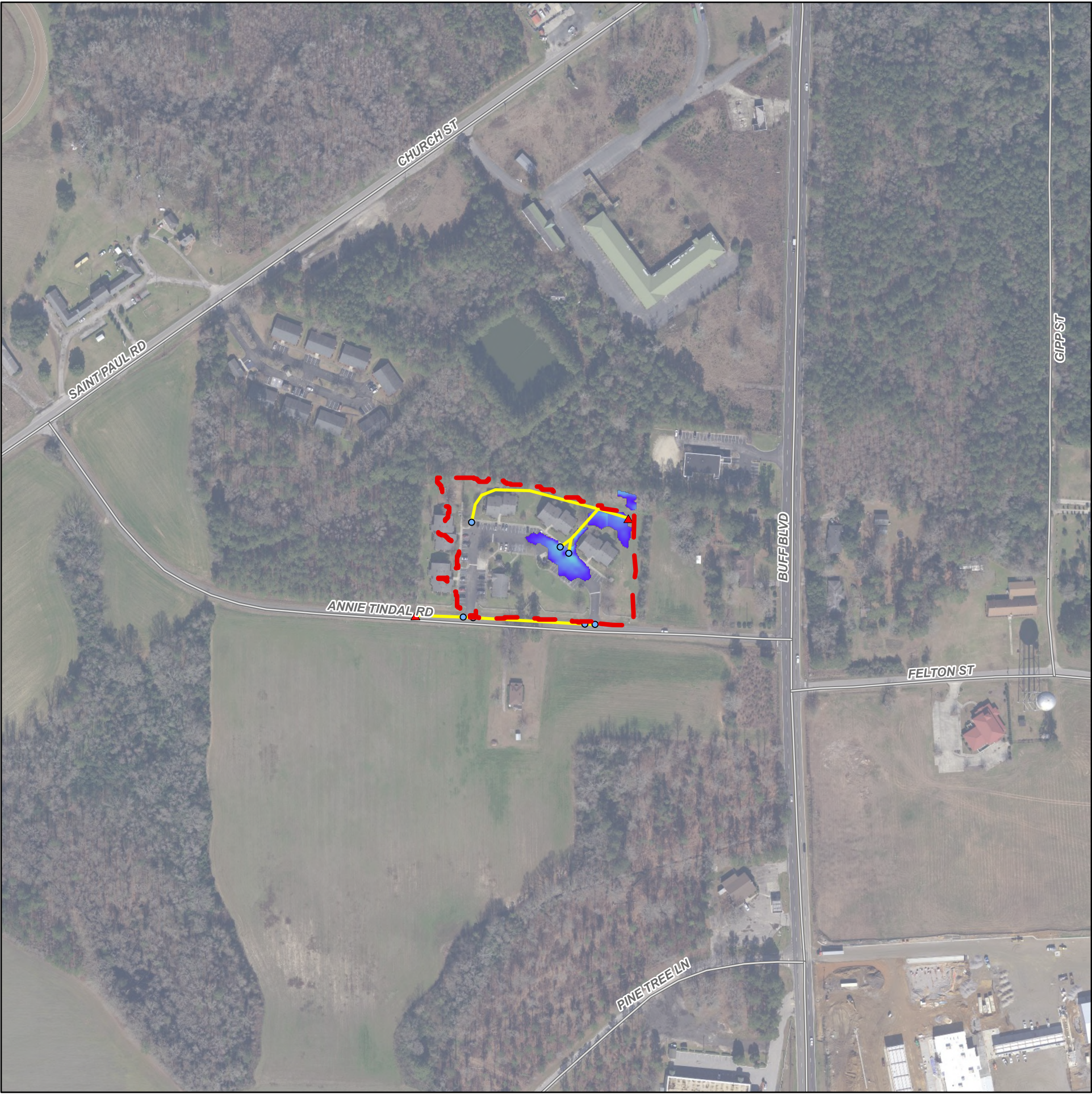
Page 9 of 9



- NOTES:
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  - 2. Background 2020 aerial imagery collected by Kucera International. Imagery is managed by Adam DeMars, South Carolina State GIS Coordinator and hosted by ESRI.

Legend

- Study Boundary
- Roadway
- Outfall
- Proposed Detention Basin
- Inlet/Manhole/End of Pipe Existing
- Inlet/Manhole/End of Pipe Proposed
- Pipe/Drainage Ditch Existing
- Pipe/Drainage Ditch Proposed
- Maximum Flood Depth
  - > 3.00 ft
  - 0.10 ft





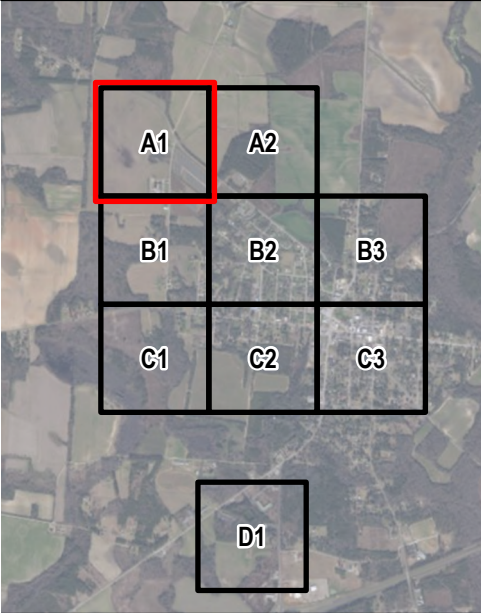
Town of Summerton | SC Office of Resilience  
Hydrologic and Hydraulic Study

Proposed Conditions Flood Analysis  
Rainfall: Future 2-Year SC Long (4.33")

Appendix D.13

Sector A1

Page 1 of 9



- NOTES:
- 1. Study area encompassed by Census Tract 9608.01.
  - 2. Background 2020 aerial imagery collected by Kucera International. Imagery is managed by Adam DeMars, South Carolina State GIS Coordinator and hosted by ESRI.

Legend

- Study Boundary

Roadway

Outfall

Proposed Detention Basin

Existing Inlet/Manhole/End of Pipe

Proposed Inlet/Manhole/End of Pipe
- Pipe/Drainage Ditch Existing

Pipe/Drainage Ditch Proposed

Maximum Flood Depth
- > 3.00 ft

0.10 ft





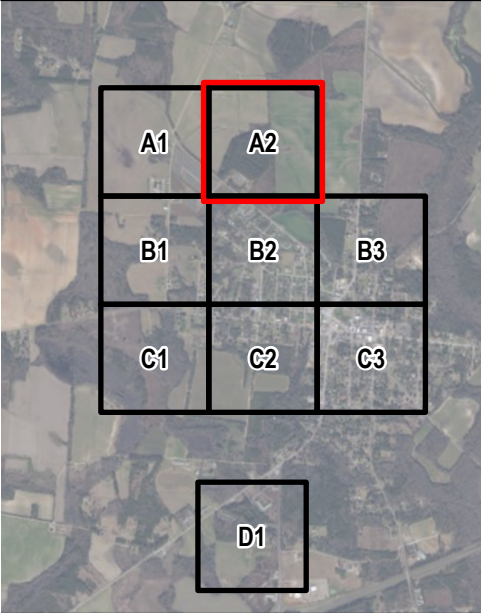
Town of Summerton | SC Office of Resilience  
Hydrologic and Hydraulic Study

Proposed Conditions Flood Analysis  
Rainfall: Future 2-Year SC Long (4.33")

Appendix D.13

Sector A2

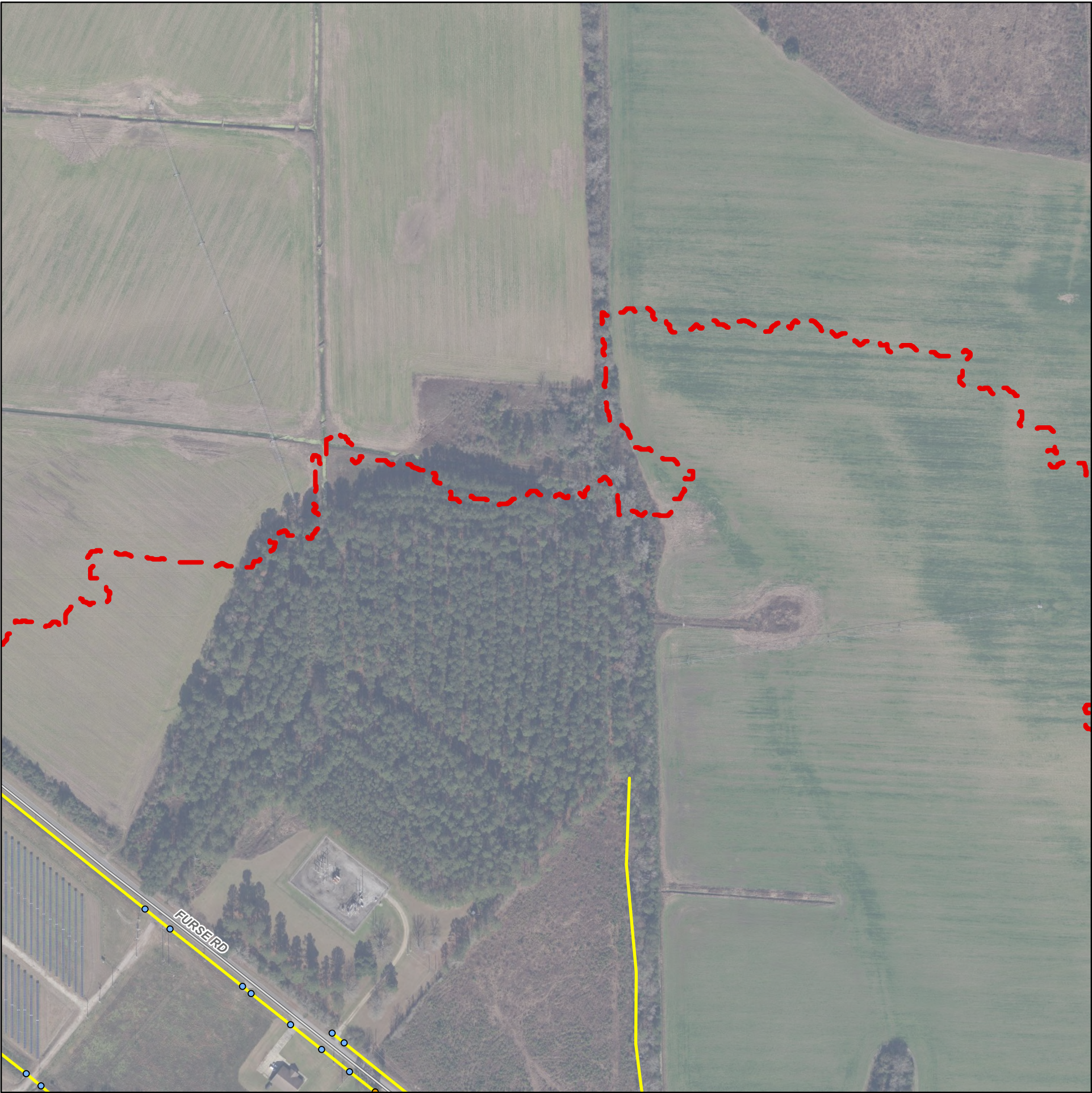
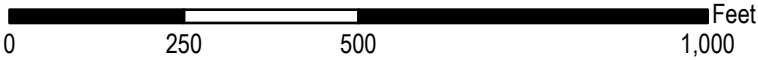
Page 2 of 9



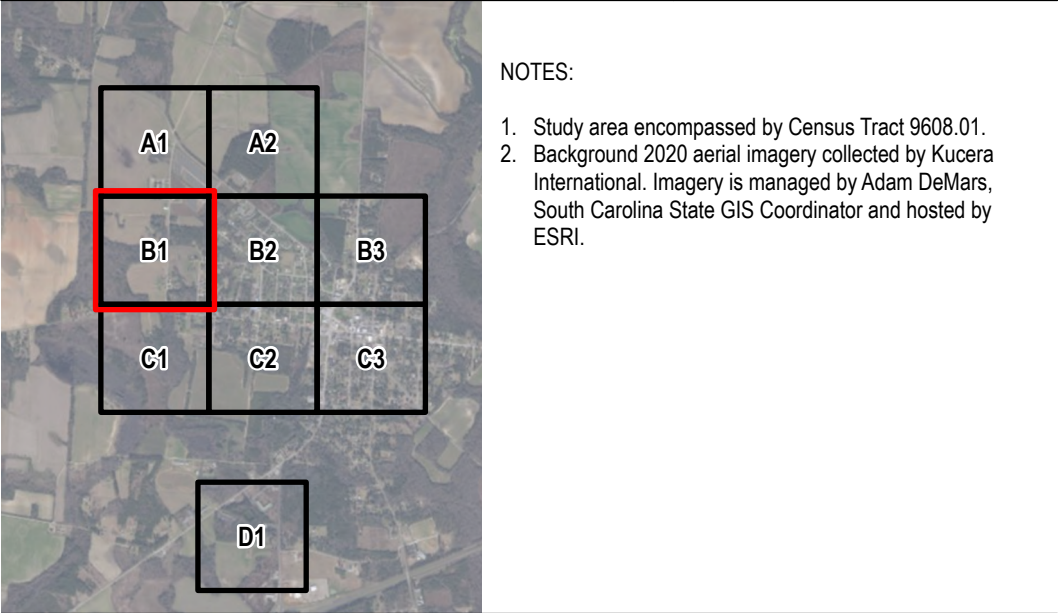
- NOTES:
- 1. Study area encompassed by Census Tract 9608.01.
  - 2. Background 2020 aerial imagery collected by Kucera International. Imagery is managed by Adam DeMars, South Carolina State GIS Coordinator and hosted by ESRI.

Legend

- |                                    |                              |
|------------------------------------|------------------------------|
| Study Boundary                     | Pipe/Drainage Ditch Existing |
| Roadway                            | Pipe/Drainage Ditch Proposed |
| Outfall                            | Maximum Flood Depth          |
| Proposed Detention Basin           | Maximum Flood Depth          |
| Inlet/Manhole/End of Pipe Existing | Maximum Flood Depth          |
| Inlet/Manhole/End of Pipe Proposed | Maximum Flood Depth          |







### Legend

Study Boundary

Roadway

Outfall

Proposed Detention Basin

Inlet/Manhole/End of Pipe

Existing

Proposed

Pipe/Drainage Ditch

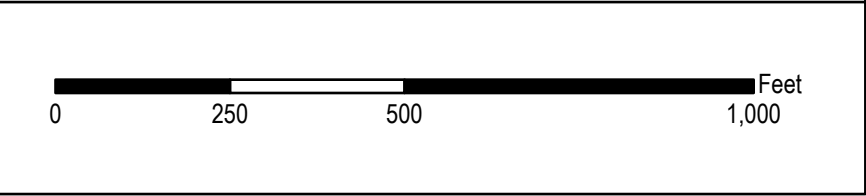
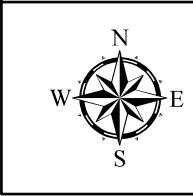
Existing

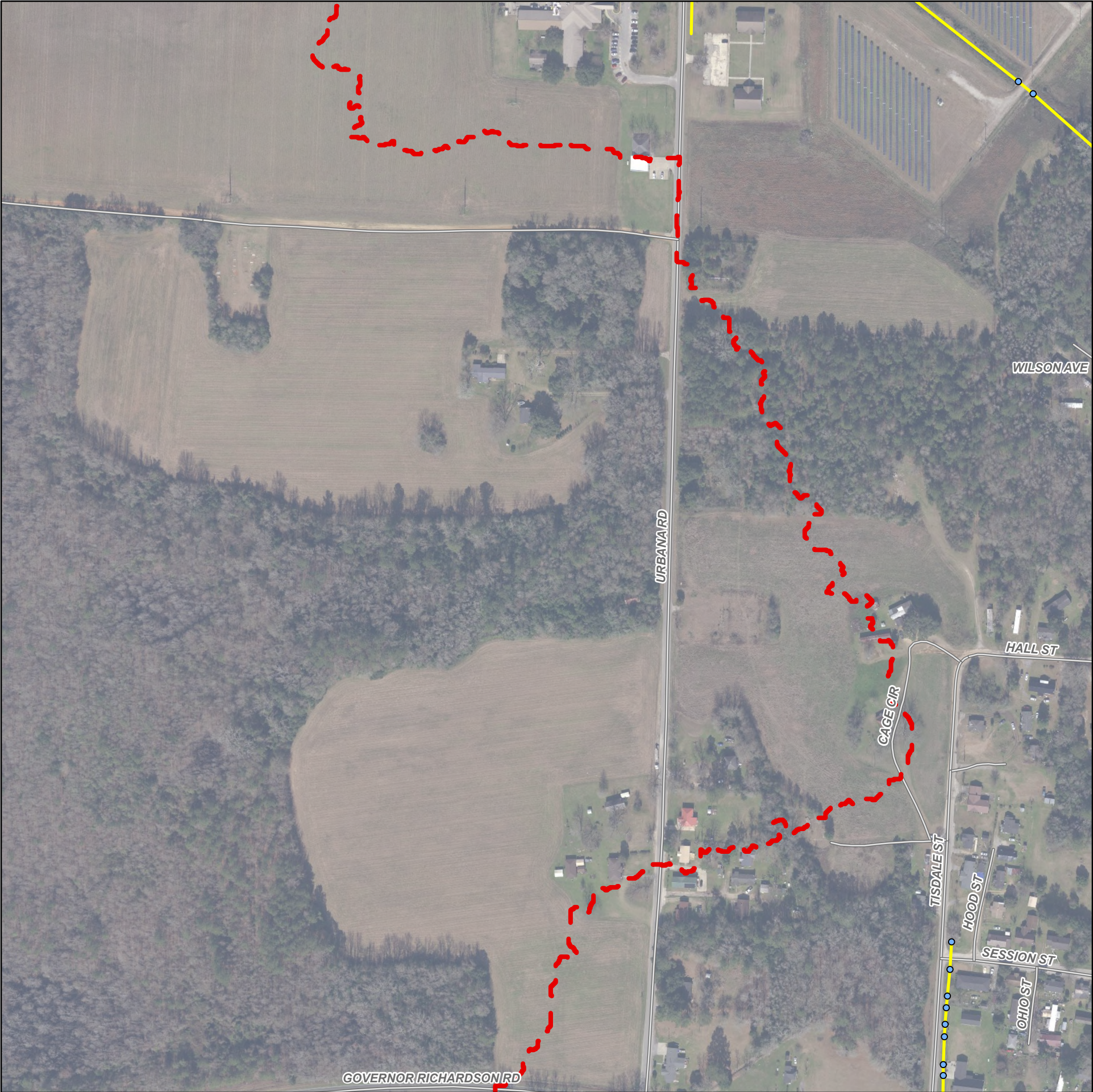
Proposed

Maximum Flood Depth

> 3.00 ft

0.10 ft







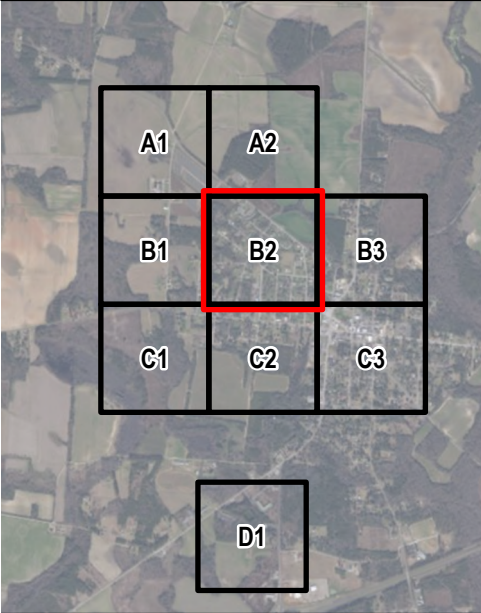
Town of Summerton | SC Office of Resilience  
Hydrologic and Hydraulic Study

Proposed Conditions Flood Analysis  
Rainfall: Future 2-Year SC Long (4.33")

Appendix D.13

Sector B2

Page 4 of 9



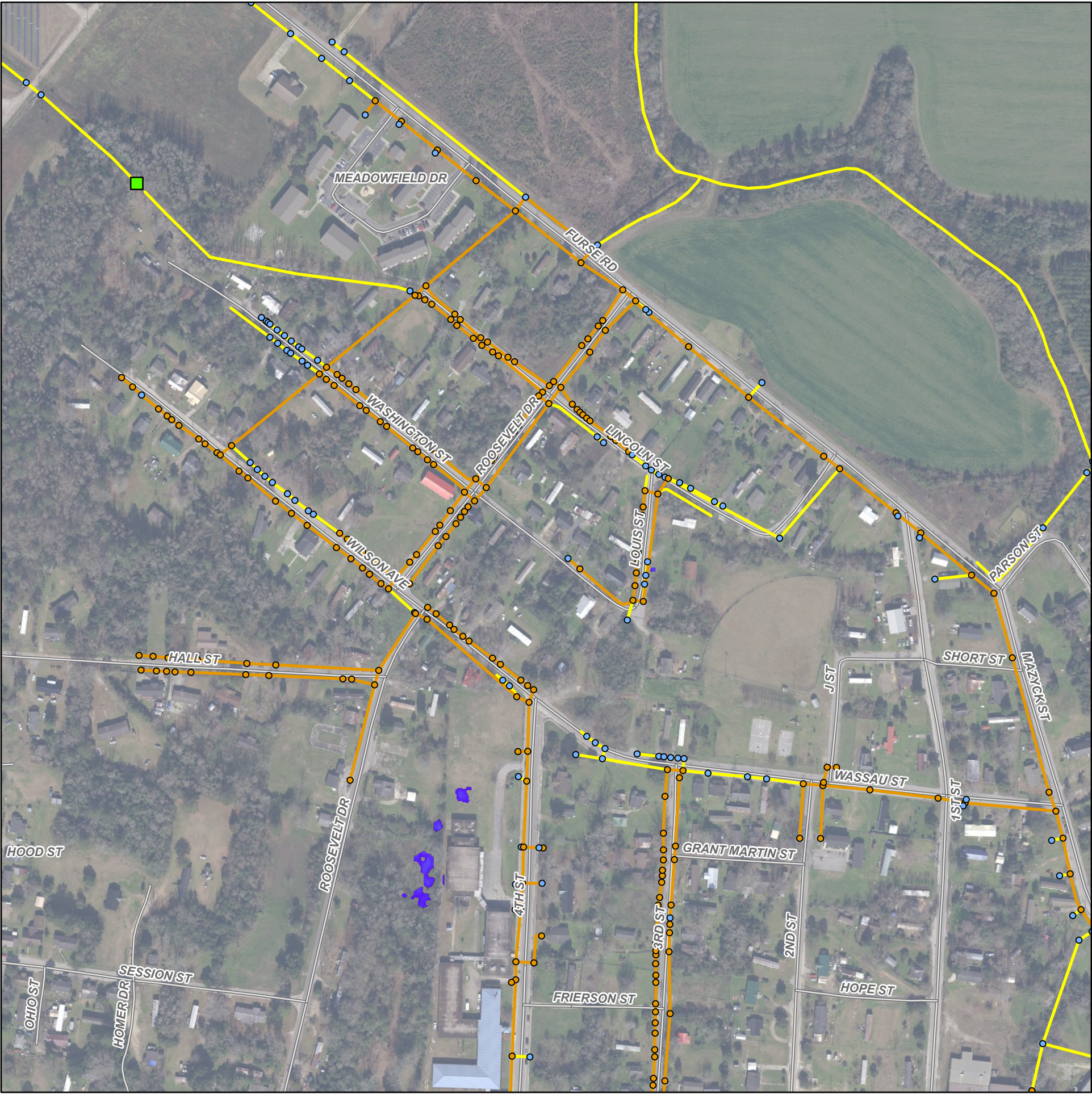
- NOTES:
1. Study area encompassed by Census Tract 9608.01.
  2. Background 2020 aerial imagery collected by Kucera International. Imagery is managed by Adam DeMars, South Carolina State GIS Coordinator and hosted by ESRI.

Legend

- Study Boundary
- Roadway
- Outfall
- Proposed Detention Basin
- Inlet/Manhole/End of Pipe
- Existing
- Proposed
- Pipe/Drainage Ditch
- Existing
- Proposed
- Maximum Flood Depth
- > 3.00 ft
- 0.10 ft



0 250 500 1,000 Feet





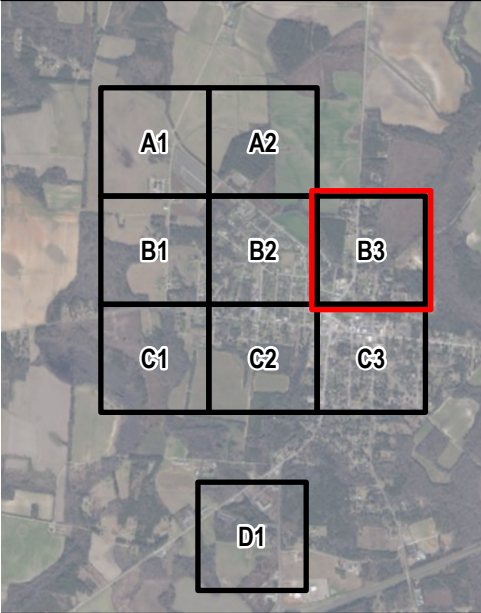
Town of Summerton | SC Office of Resilience  
Hydrologic and Hydraulic Study

Proposed Conditions Flood Analysis  
Rainfall: Future 2-Year SC Long (4.33")

Appendix D.13

Sector B3

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- NOTES:
- 1. Study area encompassed by Census Tract 9608.01.
  - 2. Background 2020 aerial imagery collected by Kucera International. Imagery is managed by Adam DeMars, South Carolina State GIS Coordinator and hosted by ESRI.

Legend

- Study Boundary

Roadway

Outfall

Proposed Detention Basin

Inlet/Manhole/End of Pipe Existing

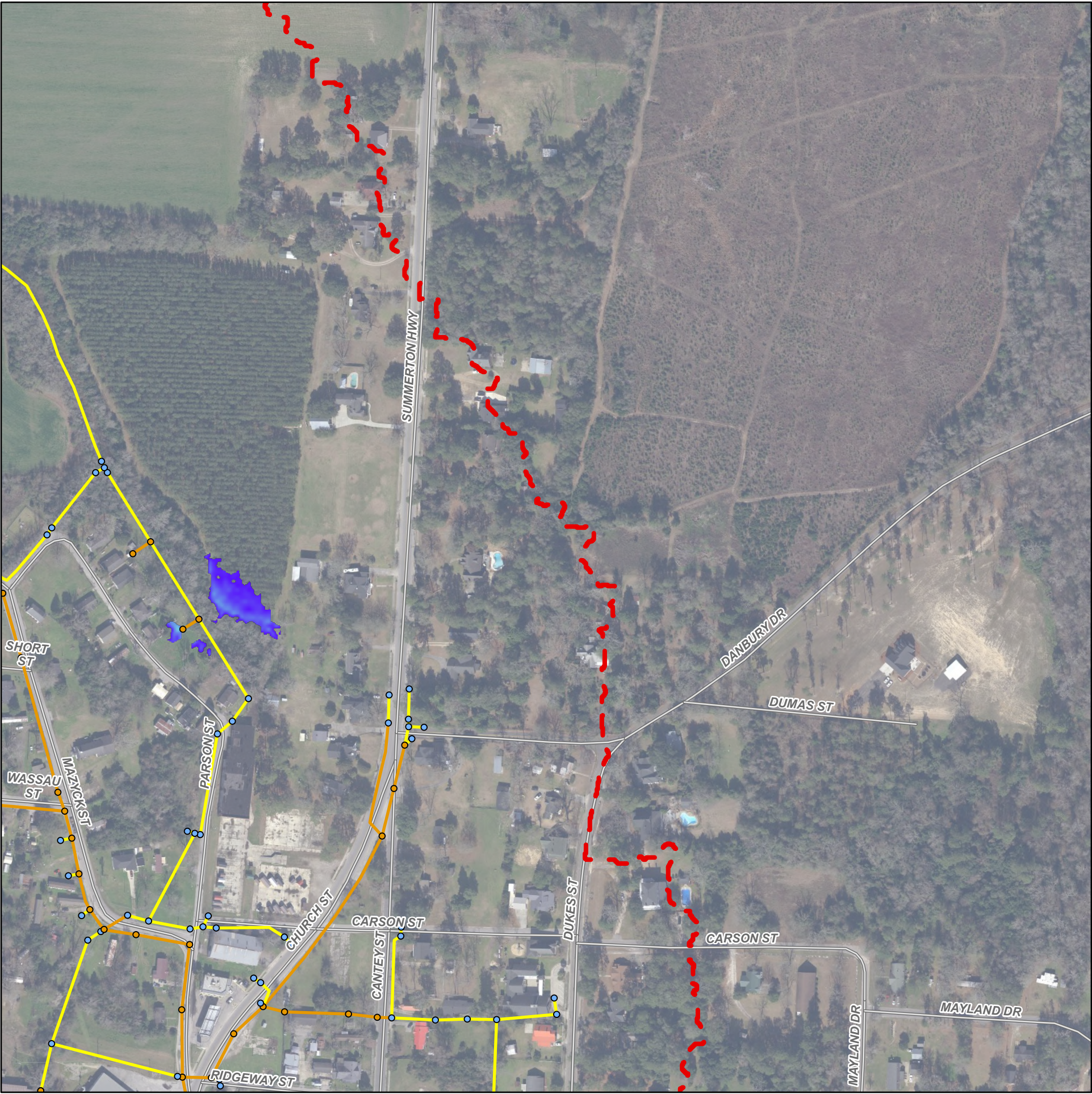
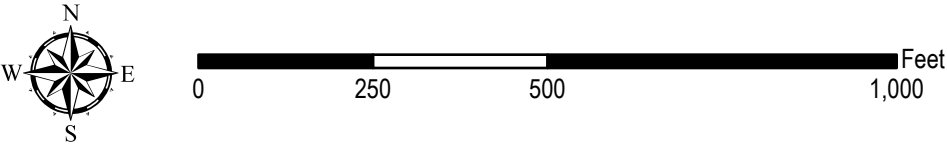
Inlet/Manhole/End of Pipe Proposed
- Pipe/Drainage Ditch Existing

Pipe/Drainage Ditch Proposed

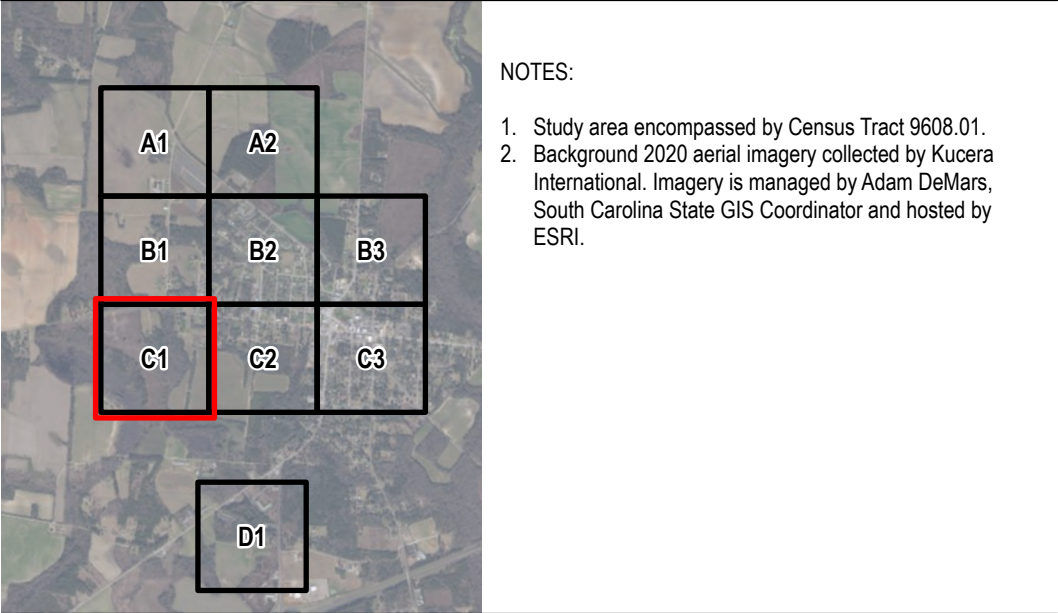
Maximum Flood Depth

> 3.00 ft

0.10 ft







### Legend

Study Boundary

Roadway

Outfall

Proposed Detention Basin

Existing Inlet/Manhole/End of Pipe

Proposed Inlet/Manhole/End of Pipe

Existing Pipe/Drainage Ditch

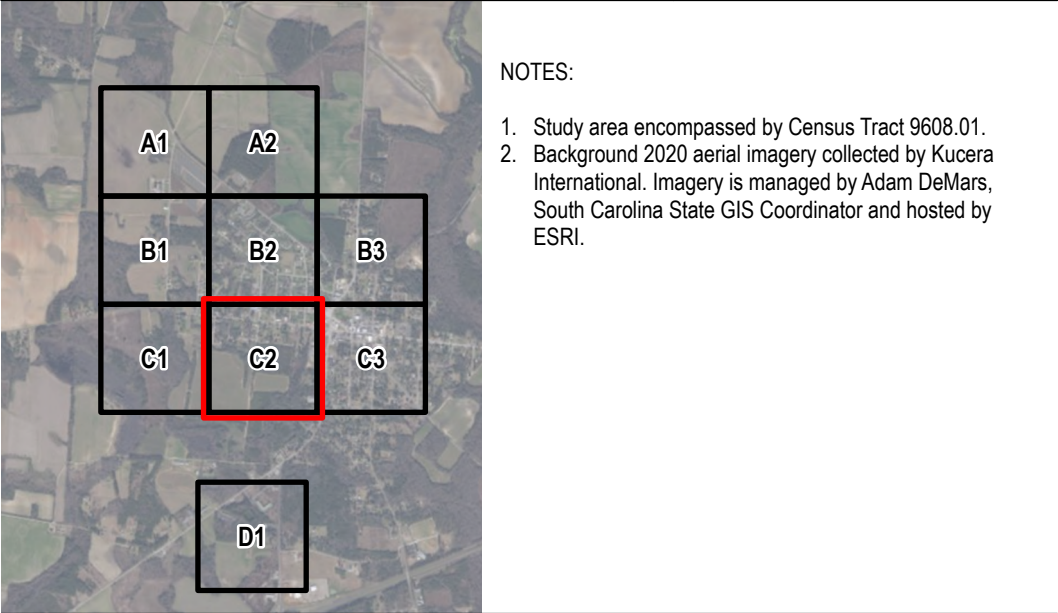
Proposed Pipe/Drainage Ditch

Maximum Flood Depth

> 3.00 ft

0.10 ft





Legend

Study Boundary

Roadway

Outfall

Proposed Detention Basin

Existing Inlet/Manhole/End of Pipe

Proposed Inlet/Manhole/End of Pipe

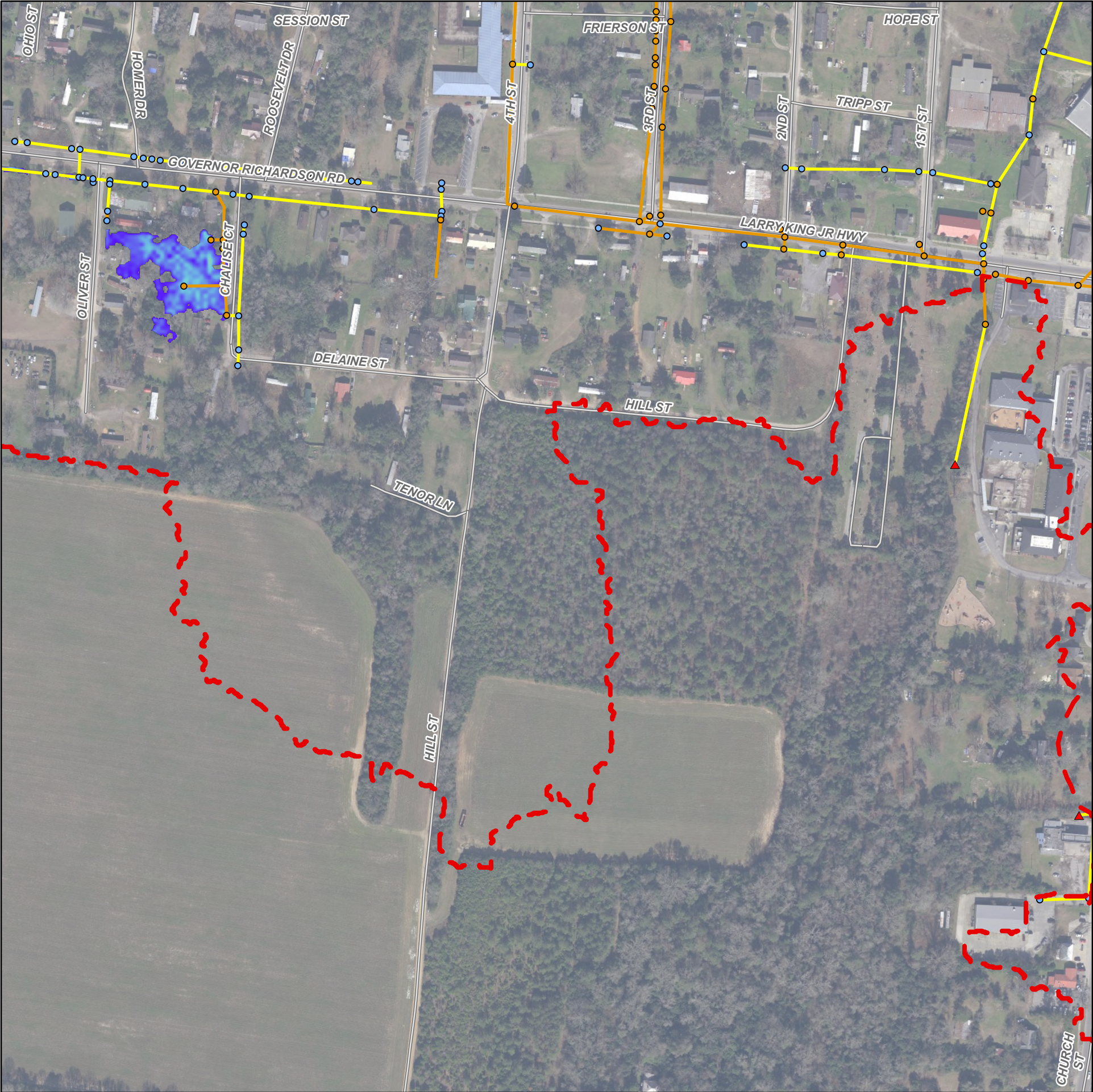
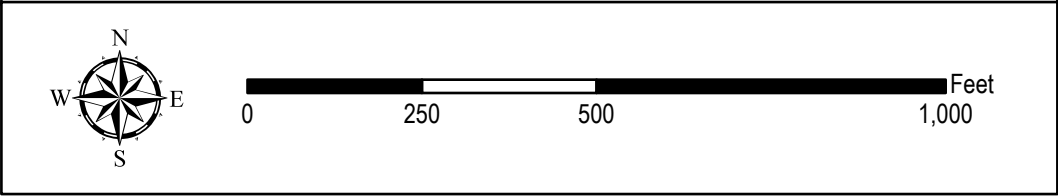
Existing Pipe/Drainage Ditch

Proposed Pipe/Drainage Ditch

Maximum Flood Depth

> 3.00 ft

0.10 ft





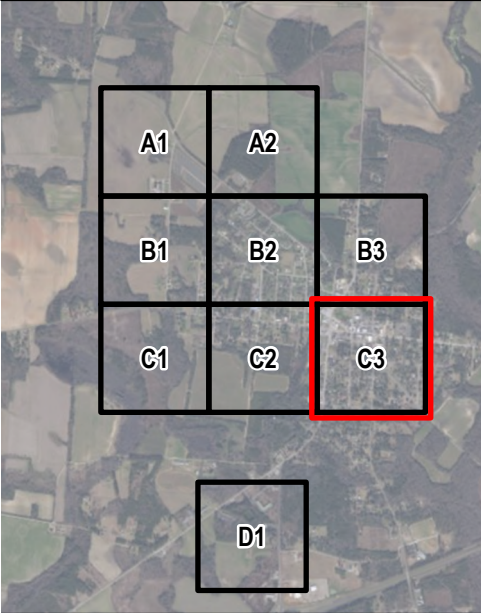
Town of Summerton | SC Office of Resilience  
Hydrologic and Hydraulic Study

Proposed Conditions Flood Analysis  
Rainfall: Future 2-Year SC Long (4.33")

Appendix D.13

Sector C3

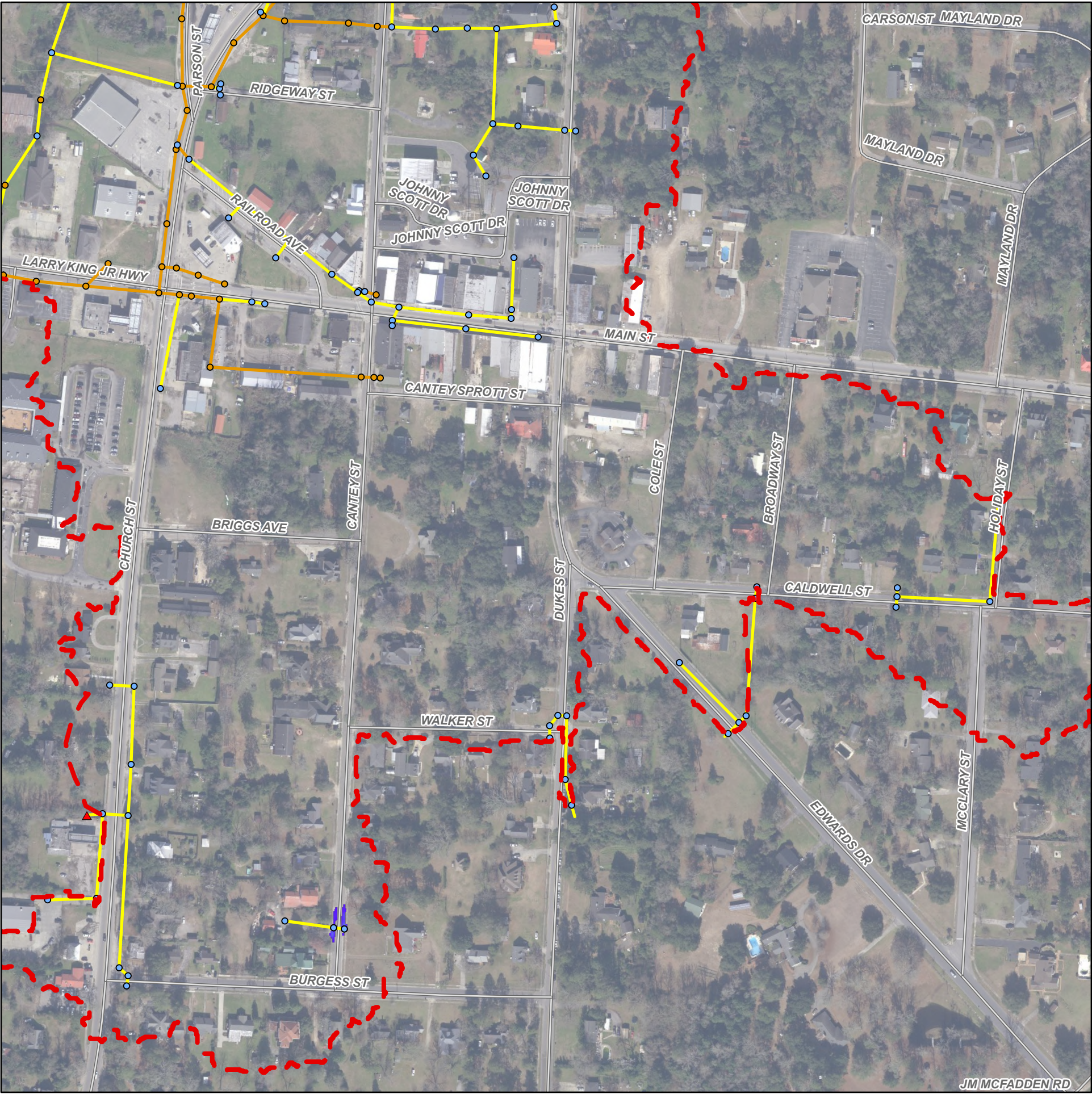
Page 8 of 9



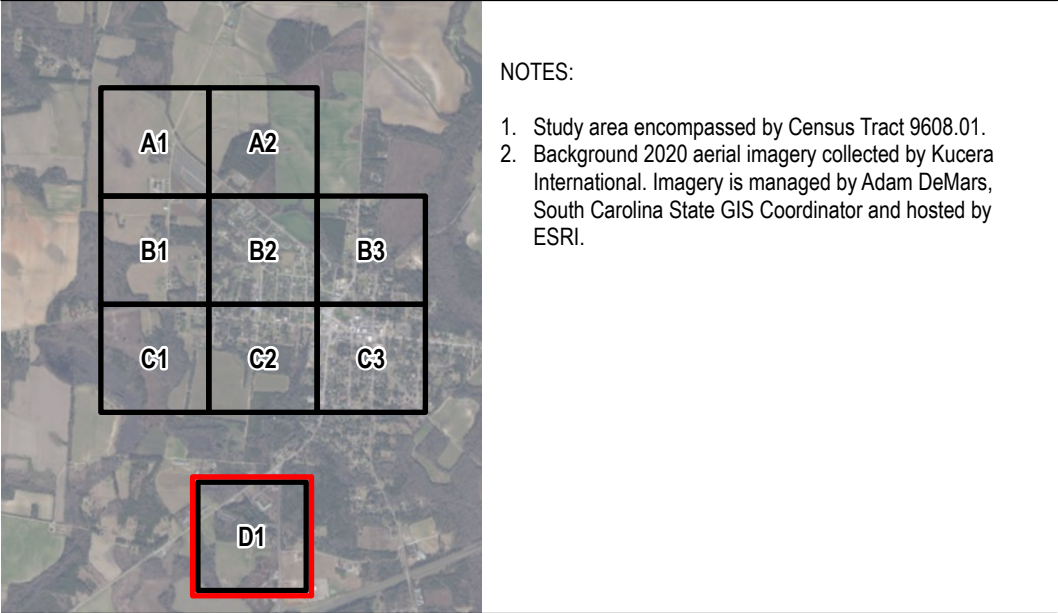
- NOTES:
- 1. Study area encompassed by Census Tract 9608.01.
  - 2. Background 2020 aerial imagery collected by Kucera International. Imagery is managed by Adam DeMars, South Carolina State GIS Coordinator and hosted by ESRI.

Legend

- Study Boundary
- Roadway
- Outfall
- Proposed Detention Basin
- Inlet/Manhole/End of Pipe Existing
- Inlet/Manhole/End of Pipe Proposed
- Pipe/Drainage Ditch Existing
- Pipe/Drainage Ditch Proposed
- Maximum Flood Depth
  - > 3.00 ft
  - 0.10 ft







Legend

Study Boundary

Roadway

Outfall

Proposed Detention Basin

Existing Inlet/Manhole/End of Pipe

Proposed Inlet/Manhole/End of Pipe

Existing Pipe/Drainage Ditch

Proposed Pipe/Drainage Ditch

Maximum Flood Depth

> 3.00 ft

0.10 ft



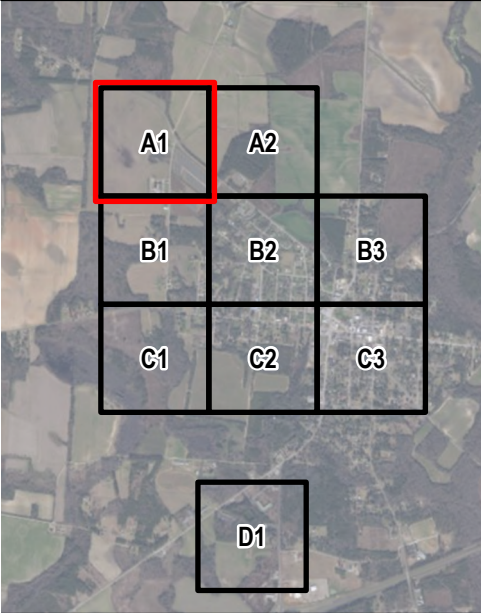
Town of Summerton | SC Office of Resilience  
Hydrologic and Hydraulic Study

Proposed Conditions Flood Analysis  
Rainfall: Future 10-Year SC Long (6.59")

Appendix D.14

Sector A1

Page 1 of 9



- NOTES:
- 1. Study area encompassed by Census Tract 9608.01.
  - 2. Background 2020 aerial imagery collected by Kucera International. Imagery is managed by Adam DeMars, South Carolina State GIS Coordinator and hosted by ESRI.

Legend

- Study Boundary

Roadway

Outfall

Proposed Detention Basin

Inlet/Manhole/End of Pipe Existing

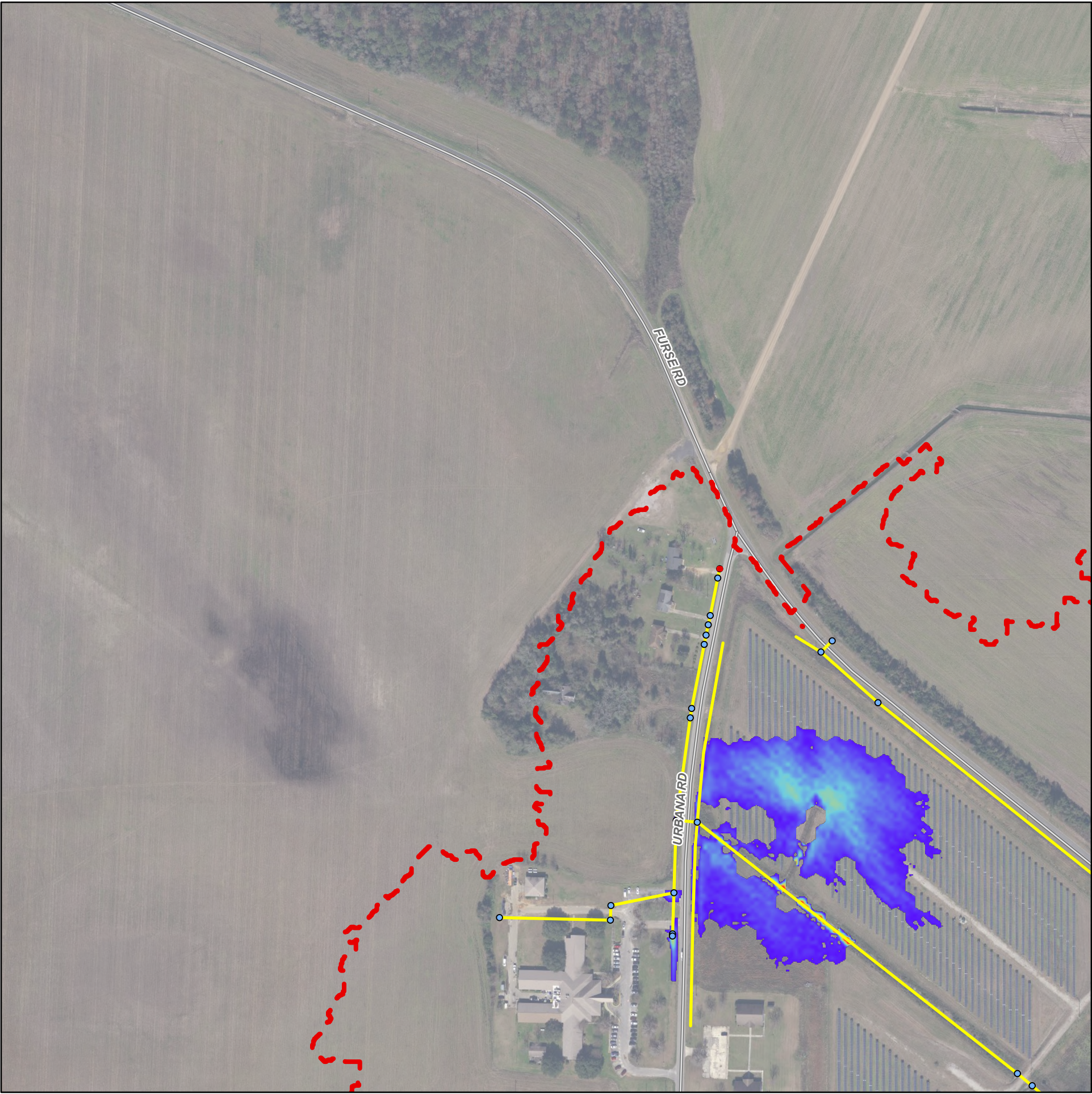
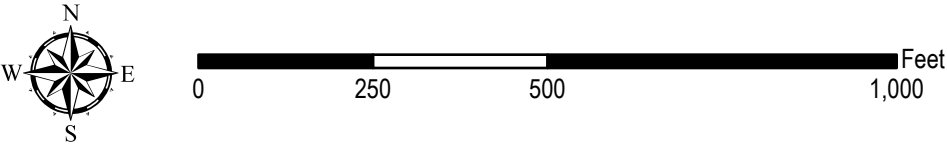
Inlet/Manhole/End of Pipe Proposed
- Pipe/Drainage Ditch Existing

Pipe/Drainage Ditch Proposed

Maximum Flood Depth

> 3.00 ft

0.10 ft





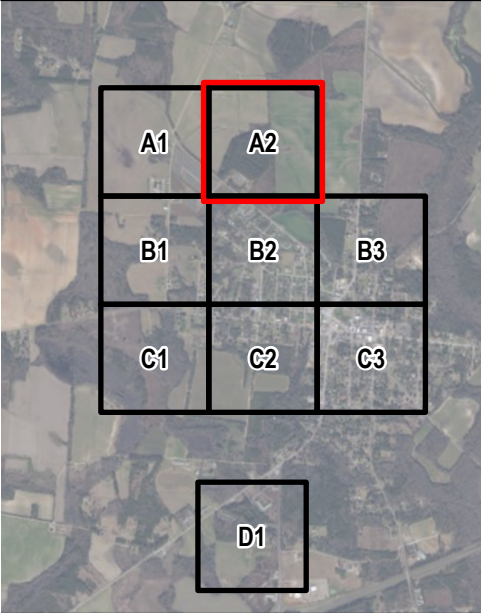
Town of Summerton | SC Office of Resilience  
Hydrologic and Hydraulic Study

Proposed Conditions Flood Analysis  
Rainfall: Future 10-Year SC Long (6.59")

Appendix D.14

Sector A2

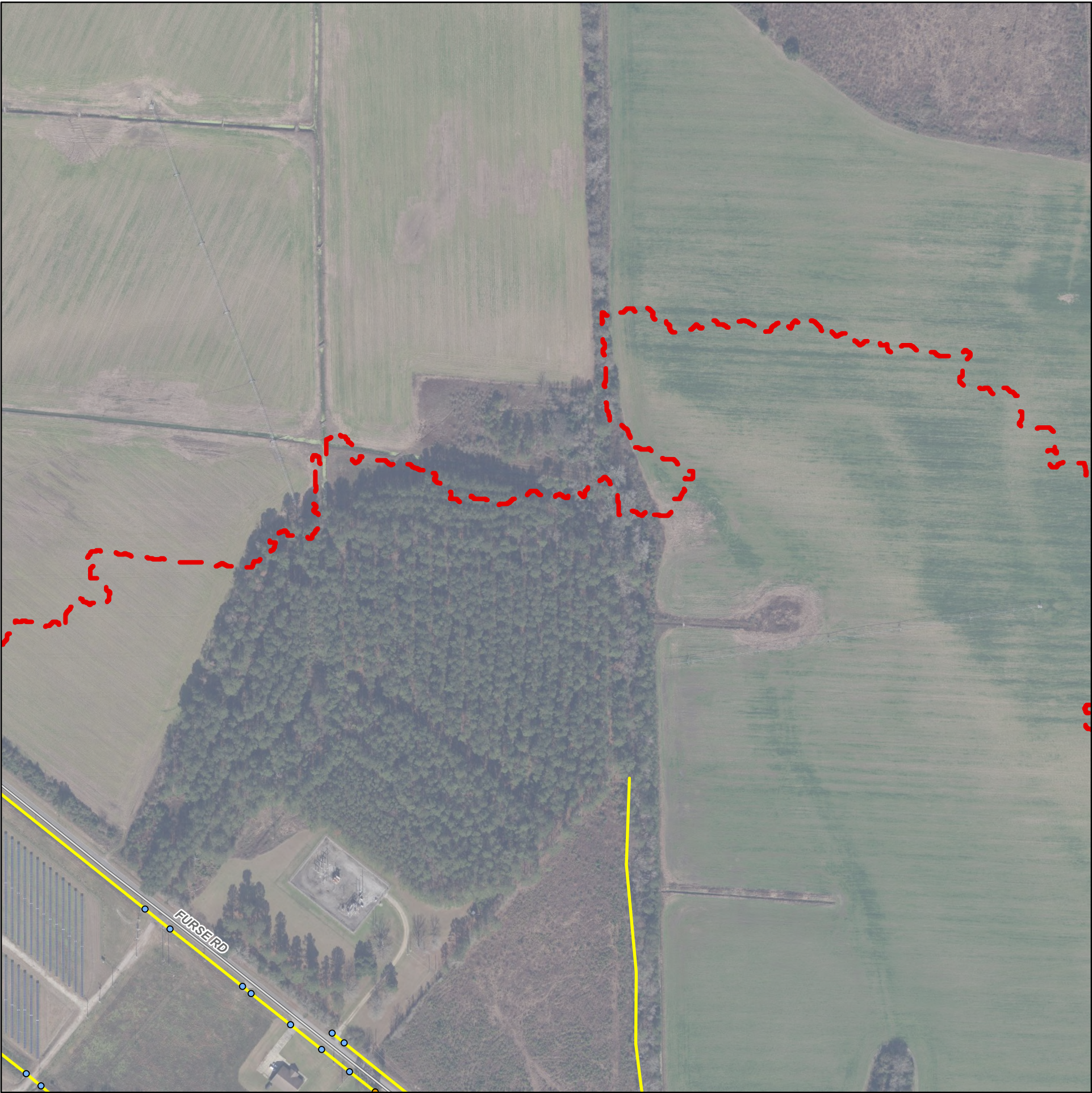
Page 2 of 9



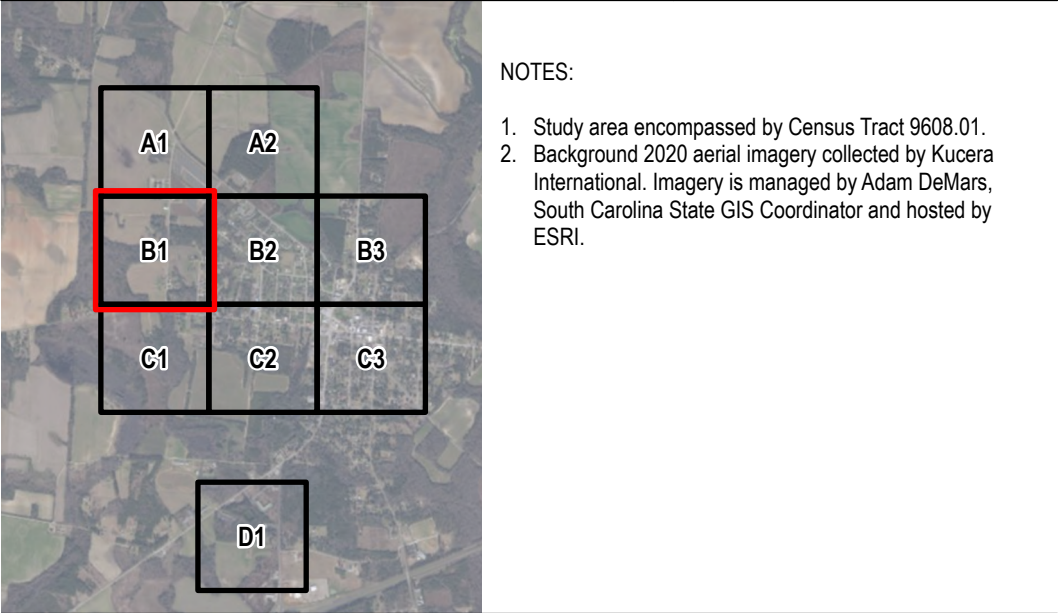
- NOTES:
- 1. Study area encompassed by Census Tract 9608.01.
  - 2. Background 2020 aerial imagery collected by Kucera International. Imagery is managed by Adam DeMars, South Carolina State GIS Coordinator and hosted by ESRI.

Legend

- |                                    |                              |
|------------------------------------|------------------------------|
| Study Boundary                     | Pipe/Drainage Ditch Existing |
| Roadway                            | Pipe/Drainage Ditch Proposed |
| Outfall                            | Maximum Flood Depth          |
| Proposed Detention Basin           | Maximum Flood Depth          |
| Inlet/Manhole/End of Pipe Existing | Maximum Flood Depth          |
| Inlet/Manhole/End of Pipe Proposed | Maximum Flood Depth          |







### Legend

Study Boundary

Roadway

Outfall

Proposed Detention Basin

Inlet/Manhole/End of Pipe

Existing

Proposed

Pipe/Drainage Ditch

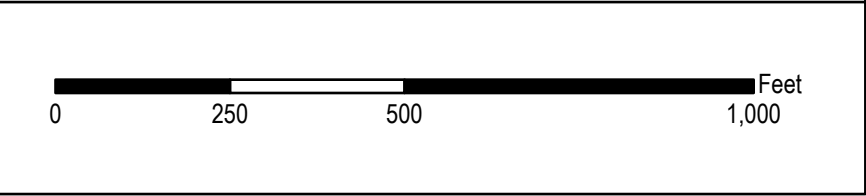
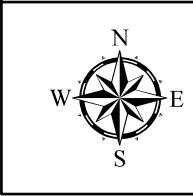
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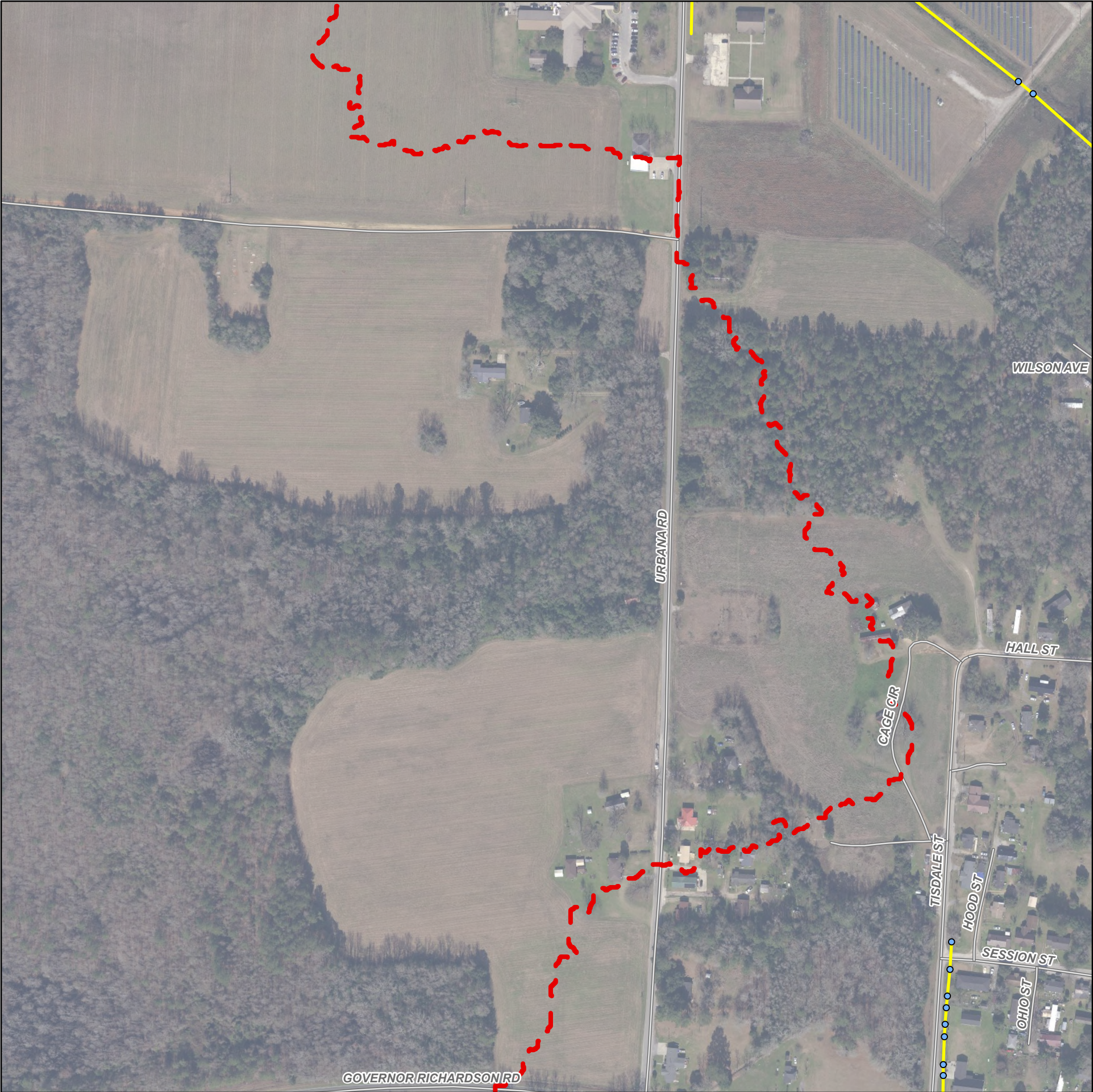
Proposed

Maximum Flood Depth

> 3.00 ft

0.10 ft







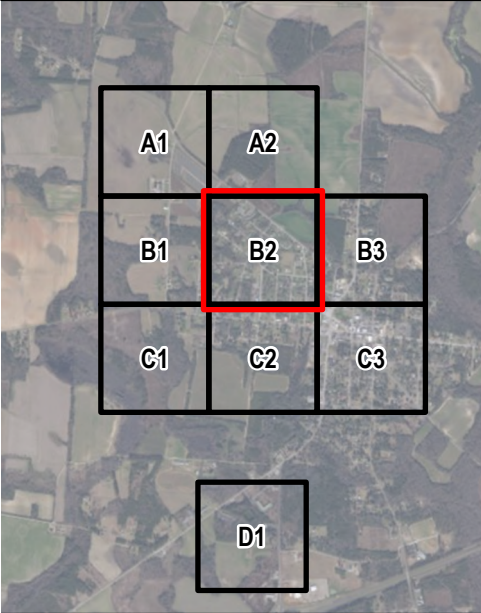
Town of Summerton | SC Office of Resilience  
Hydrologic and Hydraulic Study

Proposed Conditions Flood Analysis  
Rainfall: Future 10-Year SC Long (6.59")

Appendix D.14

Sector B2

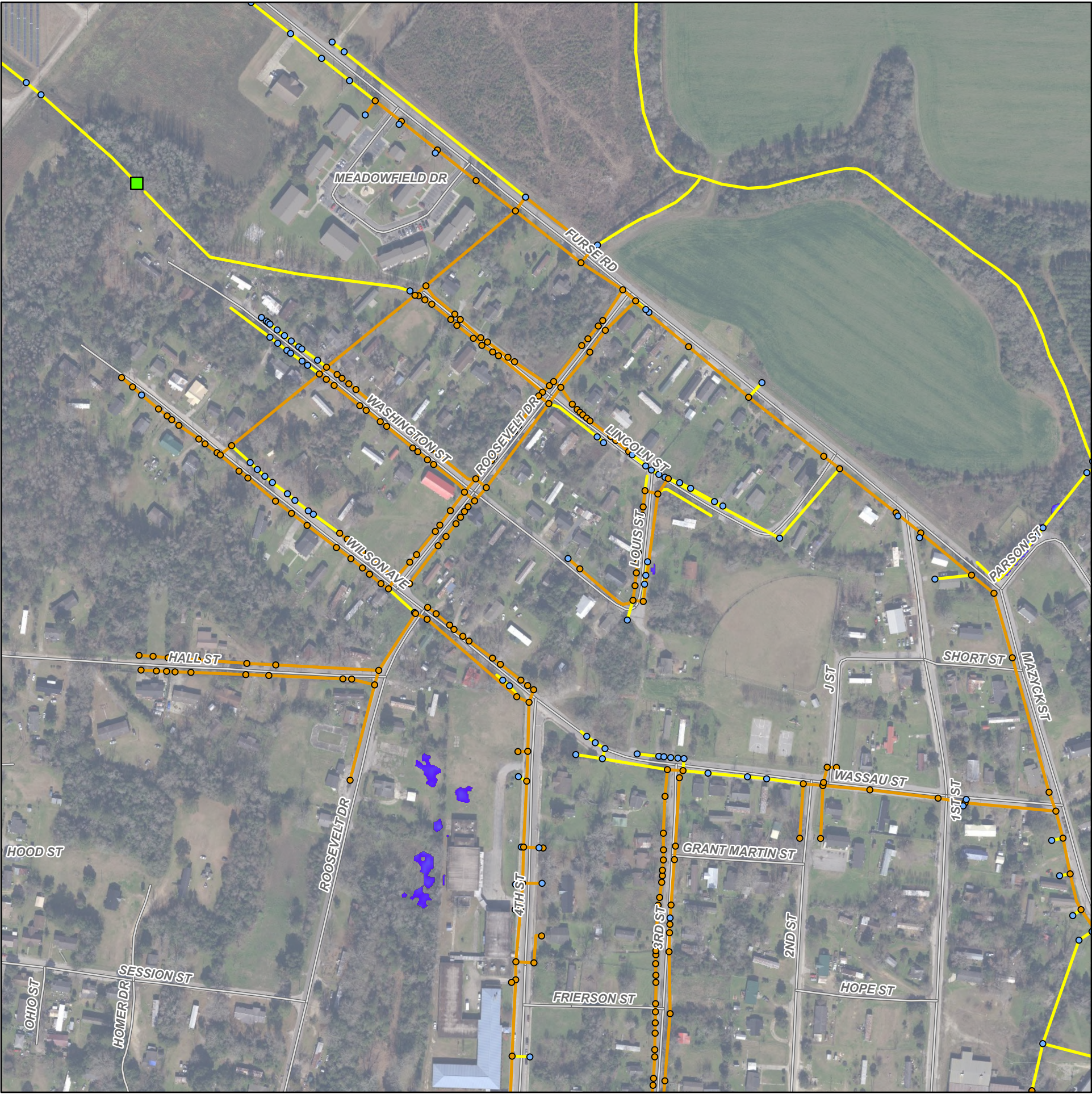
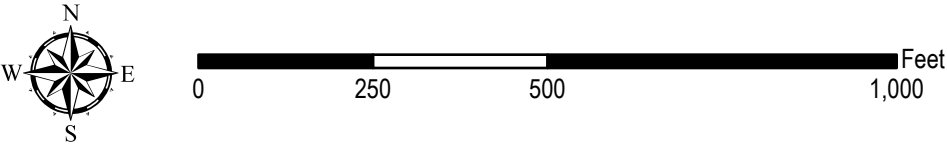
Page 4 of 9



- NOTES:
1. Study area encompassed by Census Tract 9608.01.
  2. Background 2020 aerial imagery collected by Kucera International. Imagery is managed by Adam DeMars, South Carolina State GIS Coordinator and hosted by ESRI.

Legend

- |                                    |                              |
|------------------------------------|------------------------------|
| Study Boundary                     | Pipe/Drainage Ditch Existing |
| Roadway                            | Pipe/Drainage Ditch Proposed |
| Outfall                            | Maximum Flood Depth          |
| Proposed Detention Basin           | > 3.00 ft                    |
| Inlet/Manhole/End of Pipe Existing | 0.10 ft                      |
| Inlet/Manhole/End of Pipe Proposed |                              |





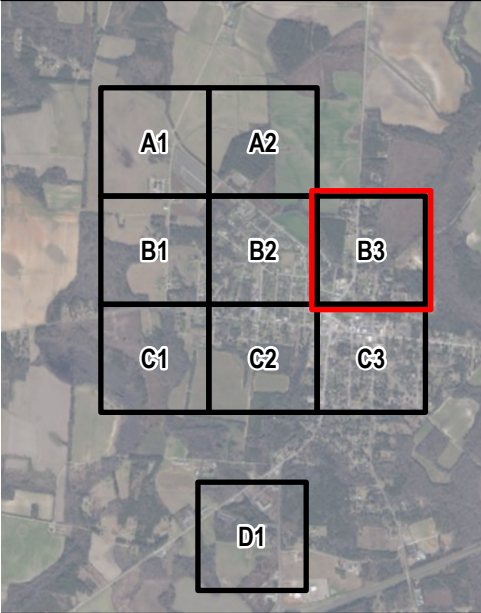
Town of Summerton | SC Office of Resilience  
Hydrologic and Hydraulic Study

Proposed Conditions Flood Analysis  
Rainfall: Future 10-Year SC Long (6.59")

Appendix D.14

Sector B3

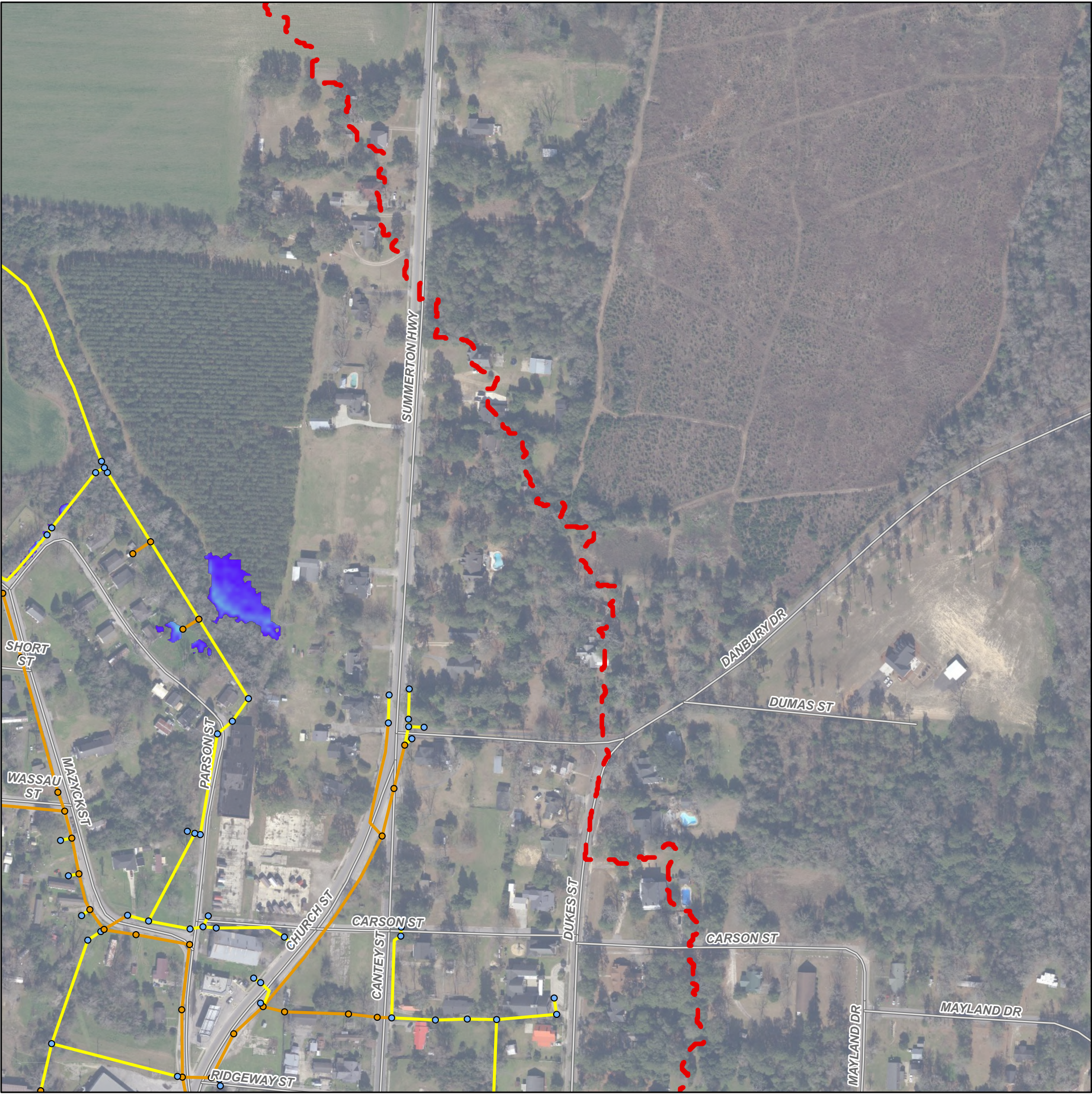
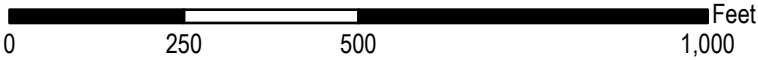
Page 5 of 9



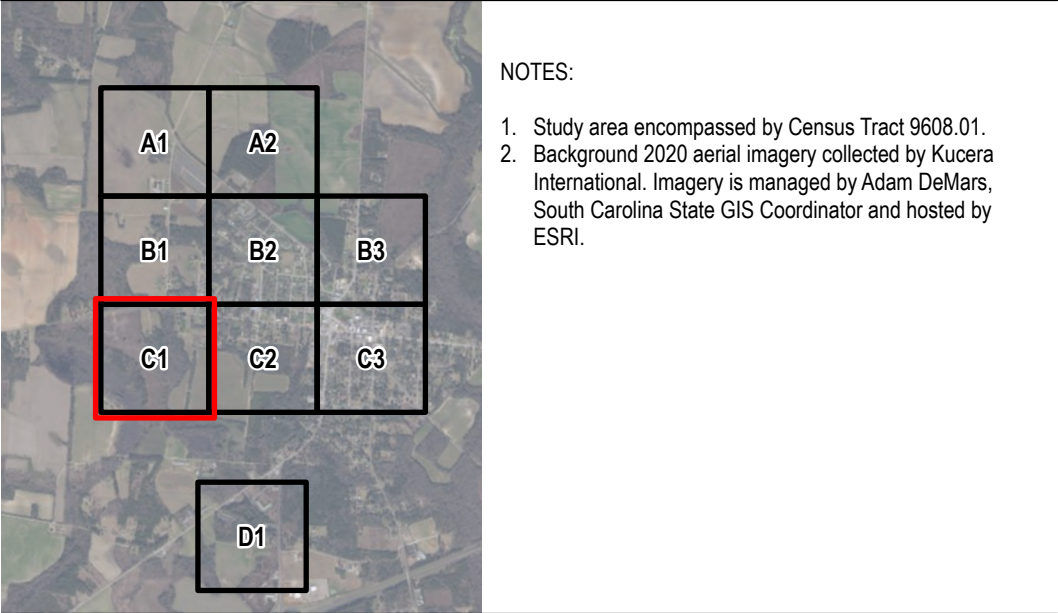
- NOTES:
- 1. Study area encompassed by Census Tract 9608.01.
  - 2. Background 2020 aerial imagery collected by Kucera International. Imagery is managed by Adam DeMars, South Carolina State GIS Coordinator and hosted by ESRI.

Legend

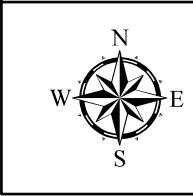
- |                                    |                              |
|------------------------------------|------------------------------|
| Study Boundary                     | Pipe/Drainage Ditch Existing |
| Roadway                            | Proposed                     |
| Outfall                            | Maximum Flood Depth          |
| Proposed Detention Basin           | > 3.00 ft                    |
| Inlet/Manhole/End of Pipe Existing | 0.10 ft                      |
| Proposed                           |                              |

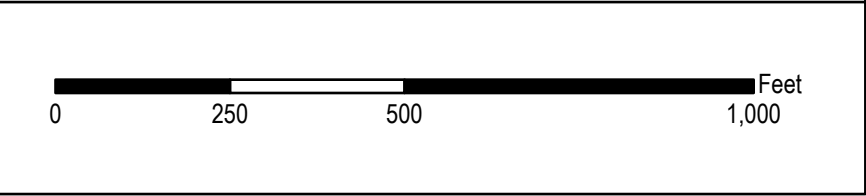


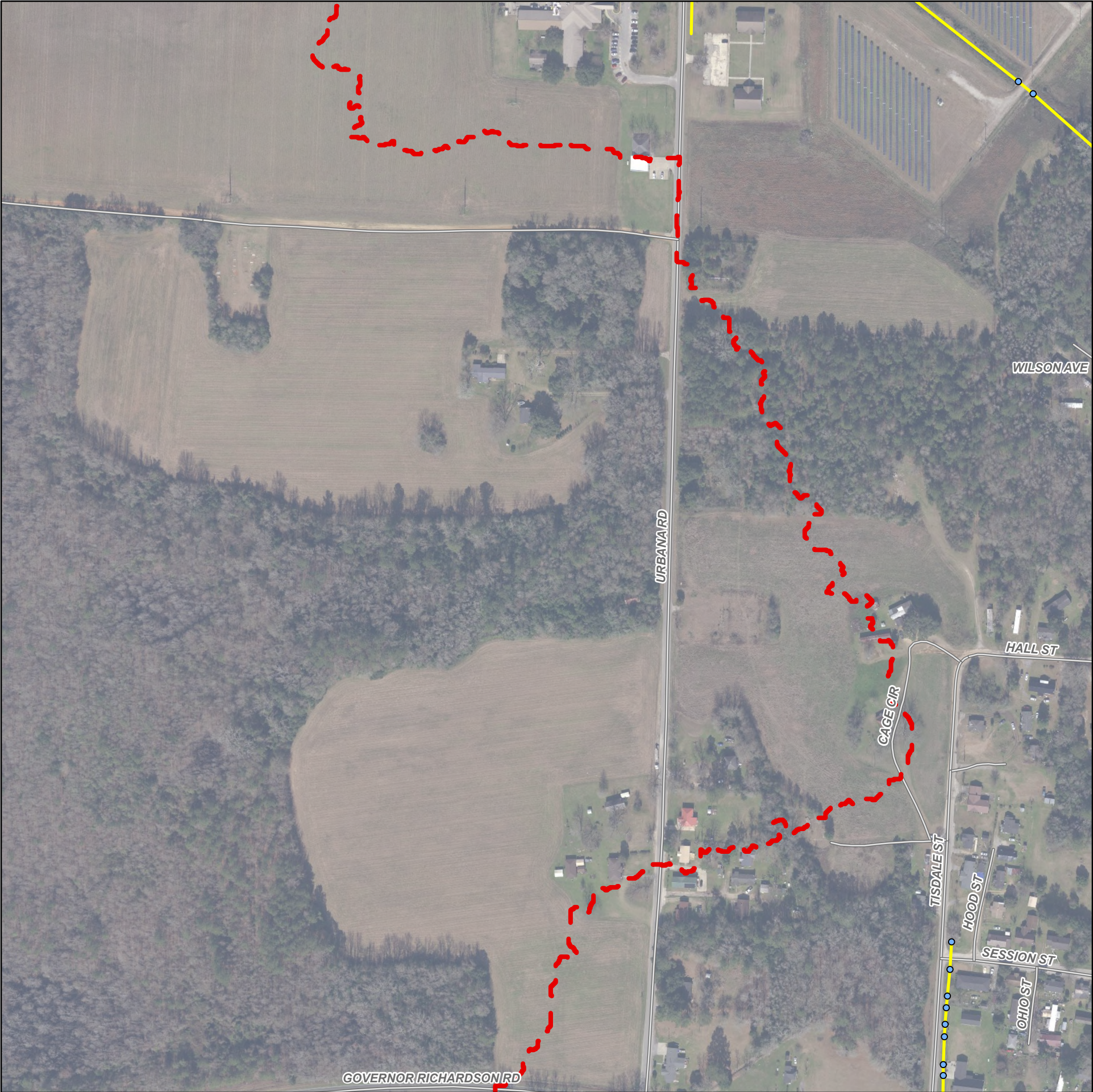





### Legend


 Study Boundary


 Roadway

 Outfall


 Proposed Detention Basin


Inlet/Manhole/End of Pipe

 Existing


 Proposed


Pipe/Drainage Ditch

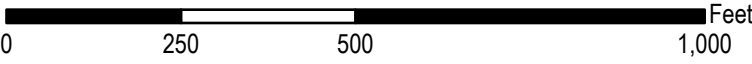

 Existing

 Proposed

Maximum Flood Depth

 > 3.00 ft

 0.10 ft





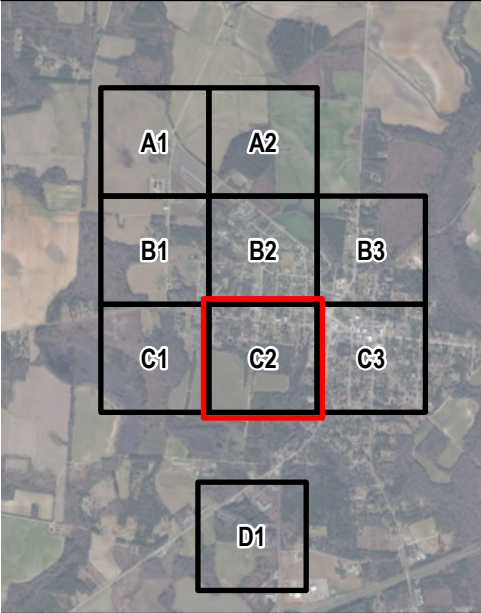
Town of Summerton | SC Office of Resilience  
Hydrologic and Hydraulic Study

Proposed Conditions Flood Analysis  
Rainfall: Future 10-Year SC Long (6.59")

Appendix D.14

Sector C2

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- NOTES:
- 1. Study area encompassed by Census Tract 9608.01.
  - 2. Background 2020 aerial imagery collected by Kucera International. Imagery is managed by Adam DeMars, South Carolina State GIS Coordinator and hosted by ESRI.

Legend

- Study Boundary

Roadway

Outfall

Proposed Detention Basin

Inlet/Manhole/End of Pipe Existing

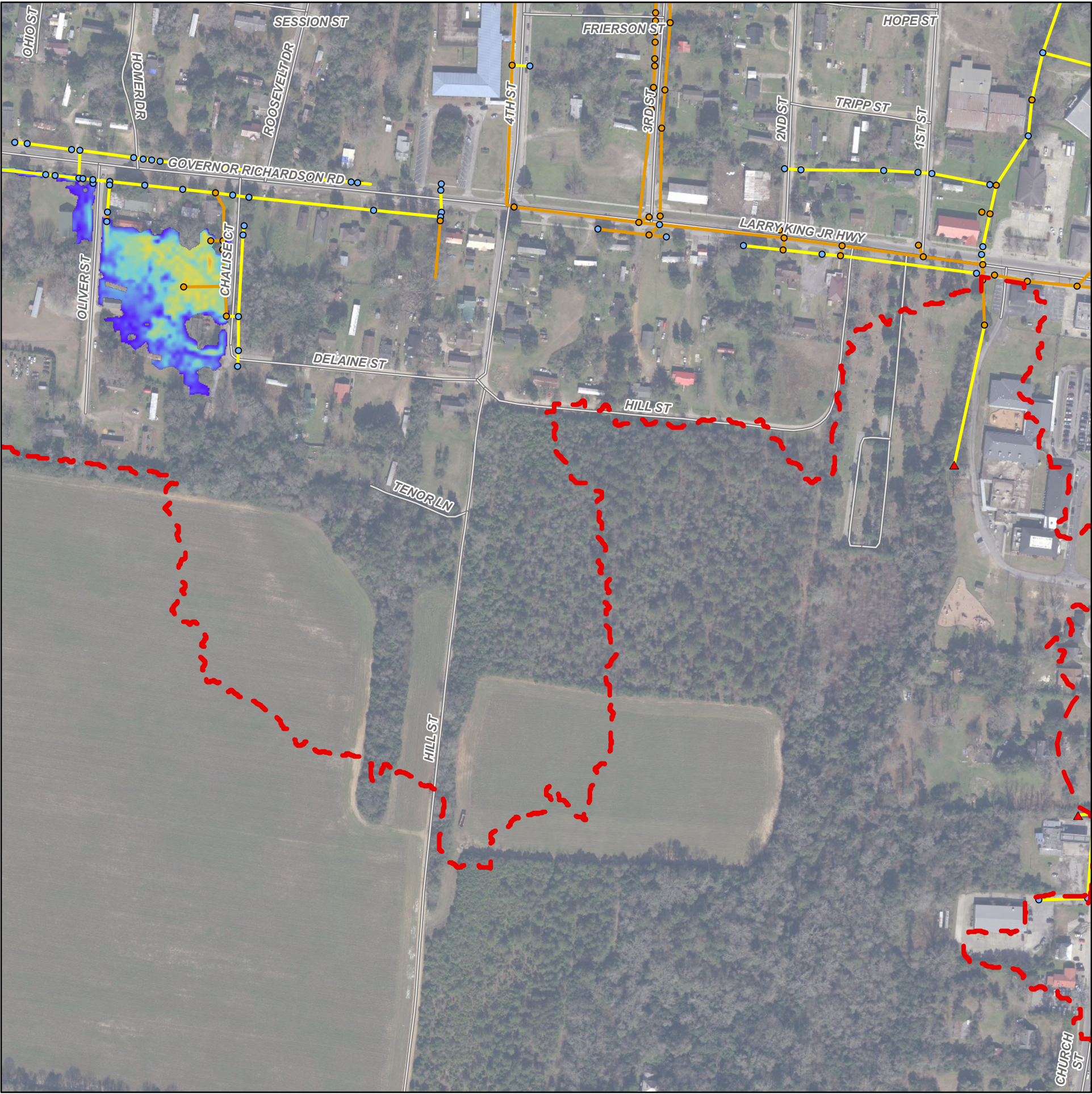
Inlet/Manhole/End of Pipe Proposed
- Pipe/Drainage Ditch Existing

Pipe/Drainage Ditch Proposed

Maximum Flood Depth

> 3.00 ft

0.10 ft





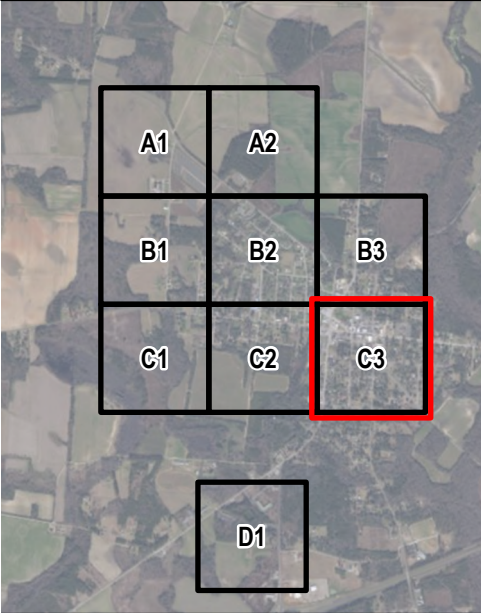
Town of Summerton | SC Office of Resilience  
Hydrologic and Hydraulic Study

Proposed Conditions Flood Analysis  
Rainfall: Future 10-Year SC Long (6.59")

Appendix D.14

Sector C3

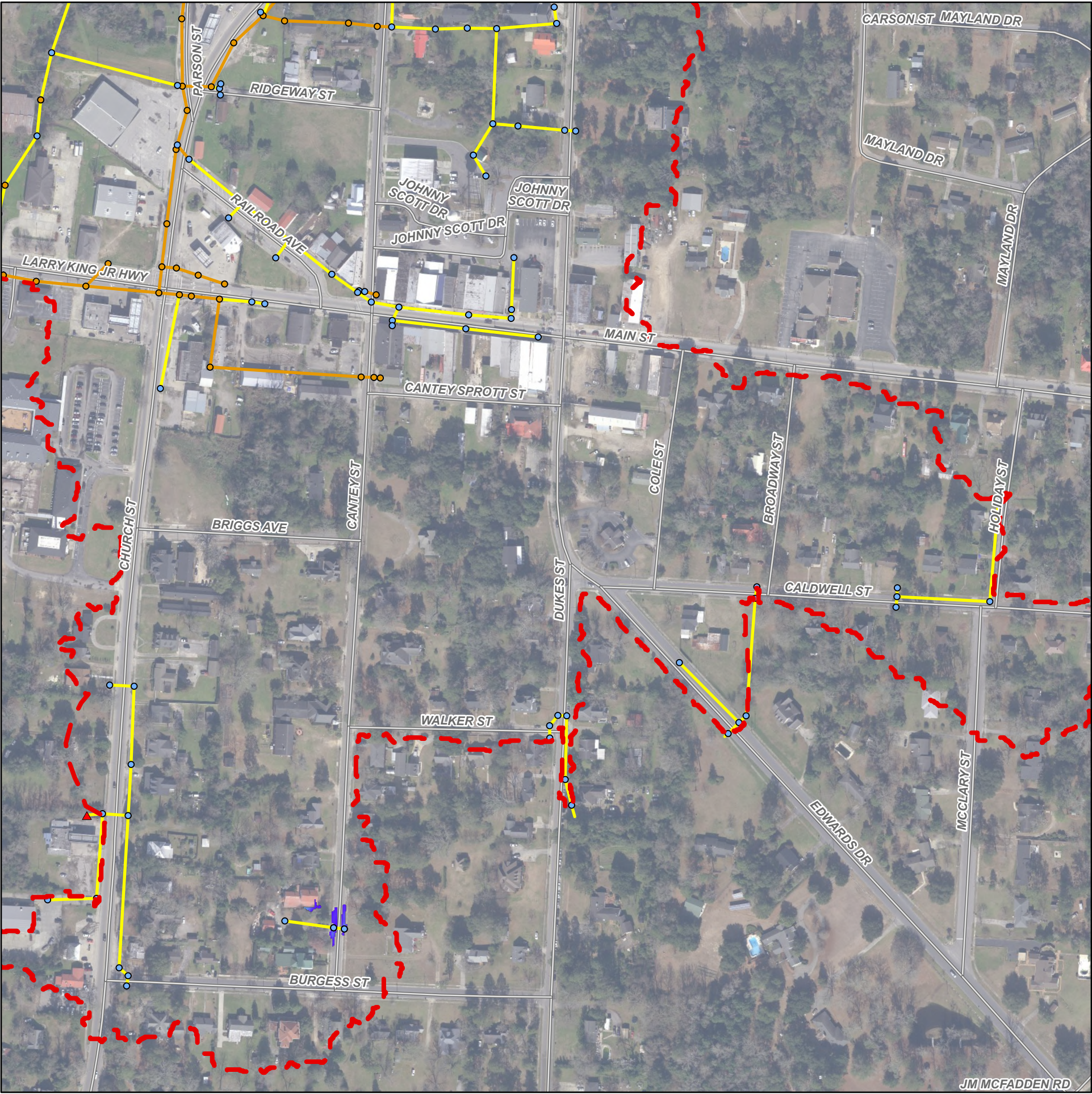
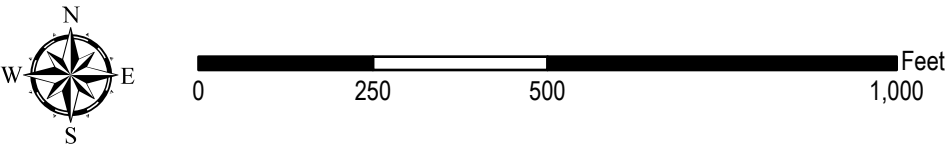
Page 8 of 9



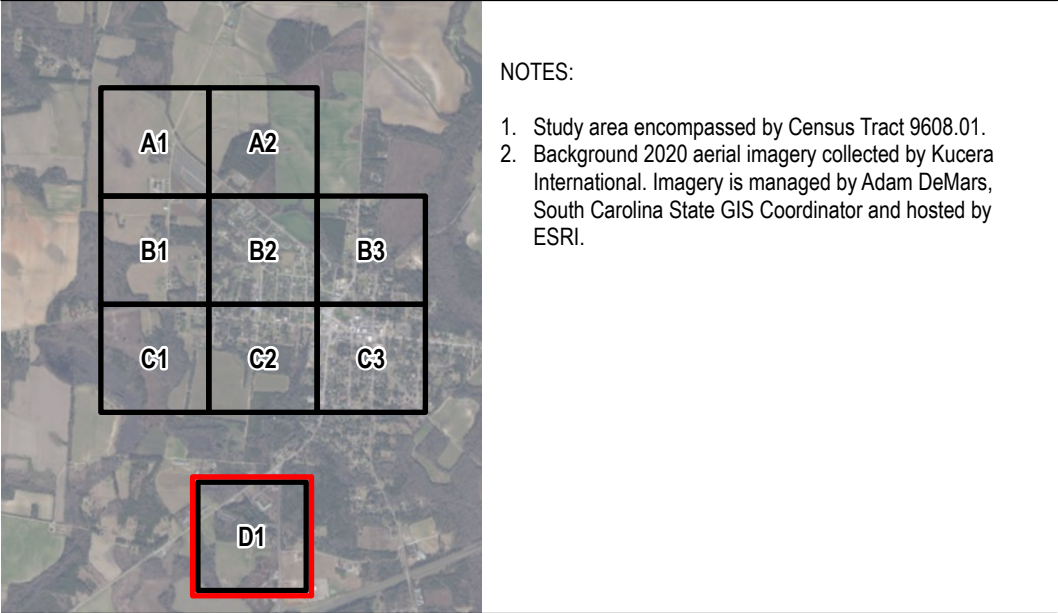
- NOTES:
1. Study area encompassed by Census Tract 9608.01.
  2. Background 2020 aerial imagery collected by Kucera International. Imagery is managed by Adam DeMars, South Carolina State GIS Coordinator and hosted by ESRI.

Legend

- |                                    |                              |
|------------------------------------|------------------------------|
| Study Boundary                     | Pipe/Drainage Ditch Existing |
| Roadway                            | Pipe/Drainage Ditch Proposed |
| Outfall                            | Maximum Flood Depth          |
| Proposed Detention Basin           | Maximum Flood Depth          |
| Inlet/Manhole/End of Pipe Existing | Maximum Flood Depth          |
| Inlet/Manhole/End of Pipe Proposed | Maximum Flood Depth          |







Legend

Study Boundary

Roadway

Outfall

Proposed Detention Basin

Inlet/Manhole/End of Pipe

Existing

Proposed

Pipe/Drainage Ditch

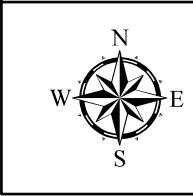
Existing

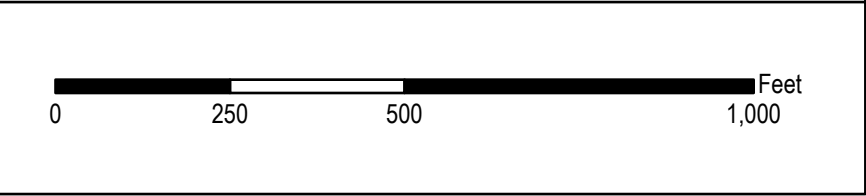
Proposed

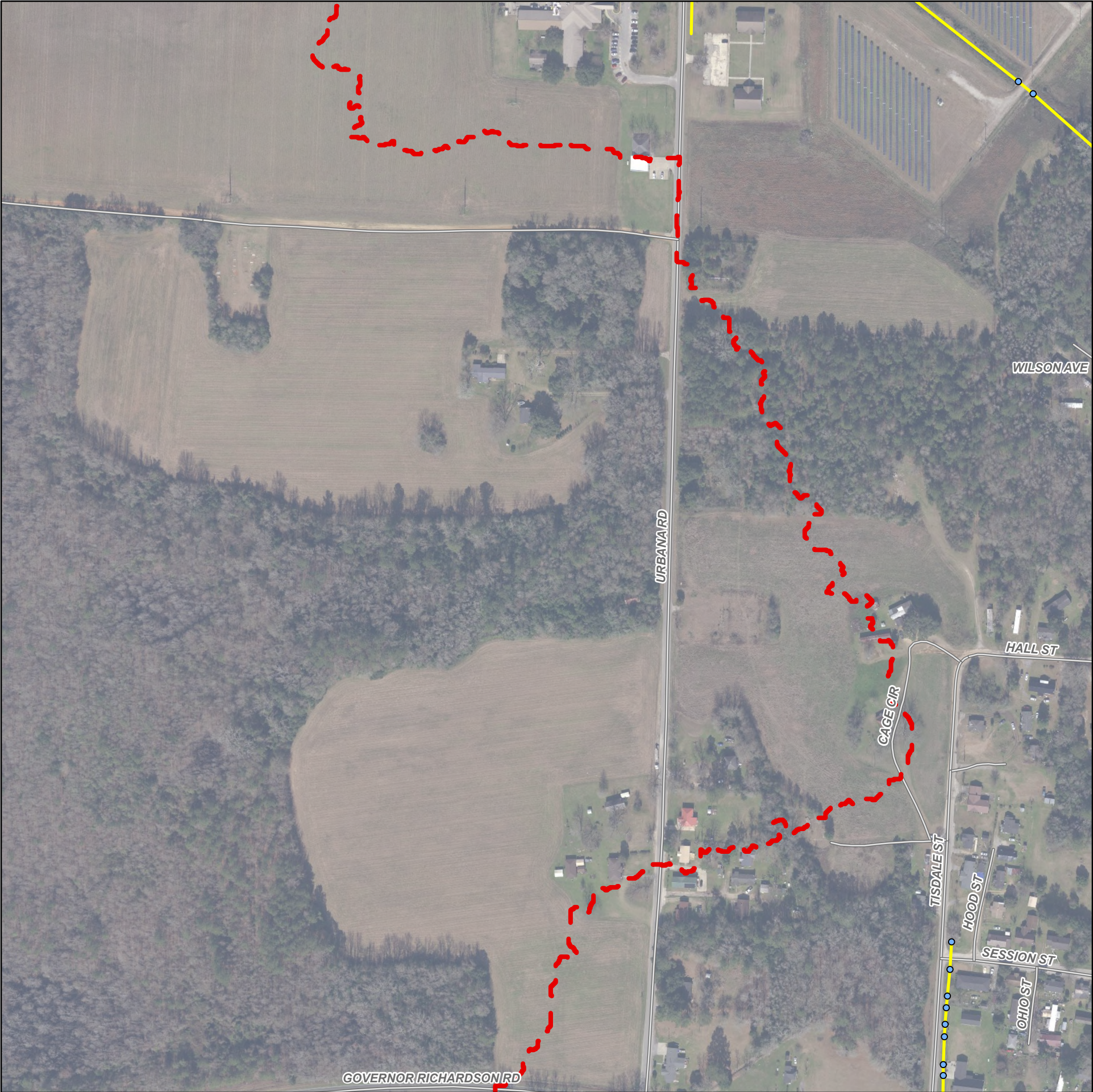
Maximum Flood Depth

> 3.00 ft

0.10 ft









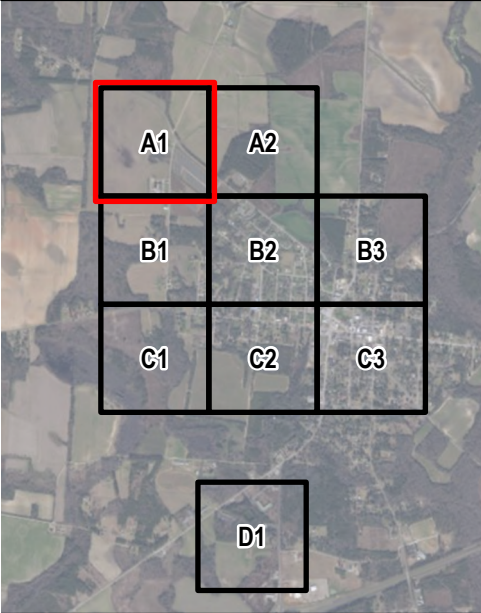
Town of Summerton | SC Office of Resilience  
Hydrologic and Hydraulic Study

Proposed Conditions Flood Analysis  
Rainfall: Future 25-Year SC Long (8.16")

Appendix D.15

Sector A1

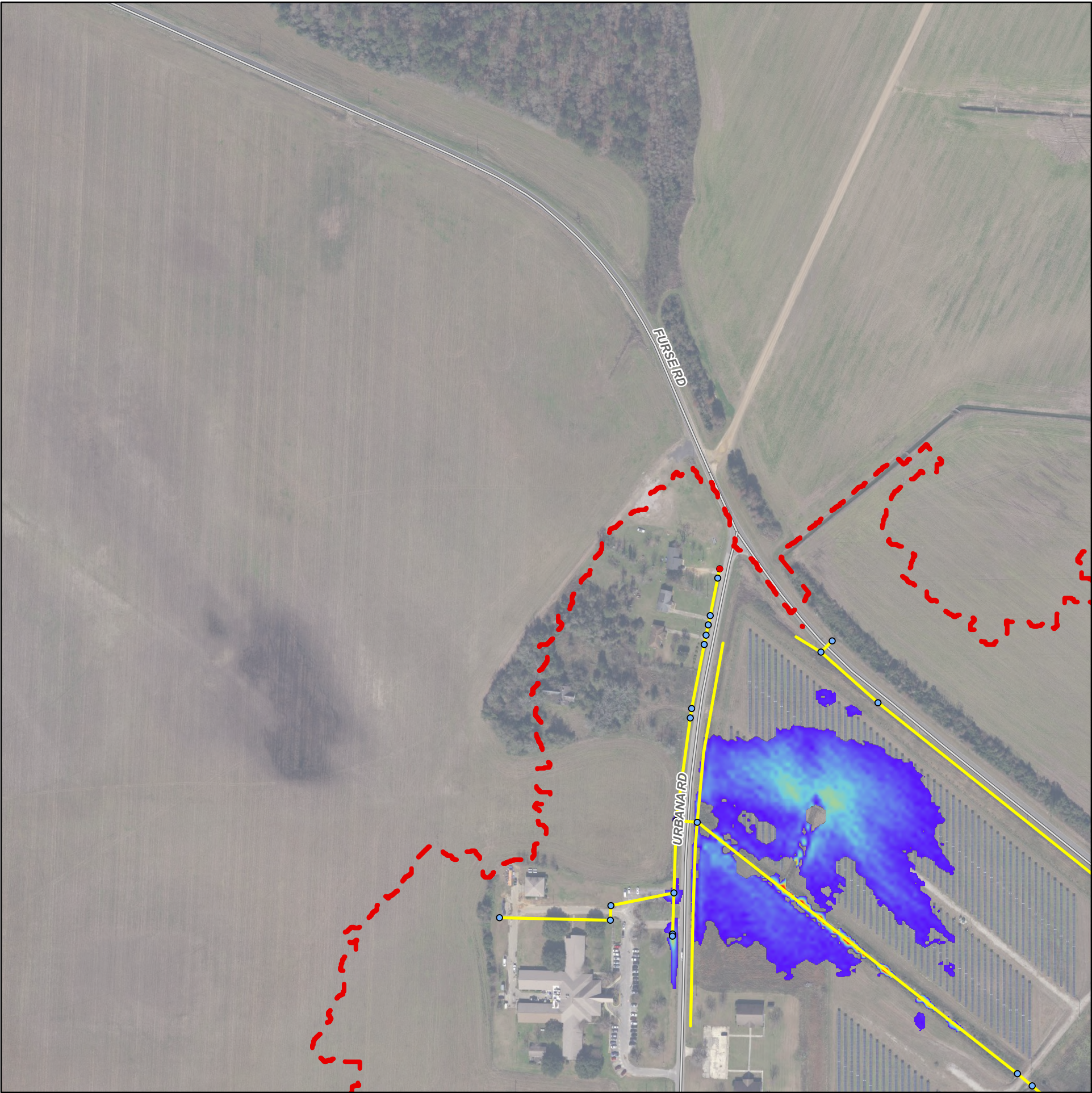
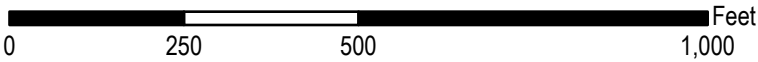
Page 1 of 9



- NOTES:
- 1. Study area encompassed by Census Tract 9608.01.
  - 2. Background 2020 aerial imagery collected by Kucera International. Imagery is managed by Adam DeMars, South Carolina State GIS Coordinator and hosted by ESRI.

Legend

- |                                    |                              |
|------------------------------------|------------------------------|
| Study Boundary                     | Pipe/Drainage Ditch Existing |
| Roadway                            | Pipe/Drainage Ditch Proposed |
| Outfall                            | Maximum Flood Depth          |
| Proposed Detention Basin           | > 3.00 ft                    |
| Inlet/Manhole/End of Pipe Existing | 0.10 ft                      |
| Inlet/Manhole/End of Pipe Proposed |                              |





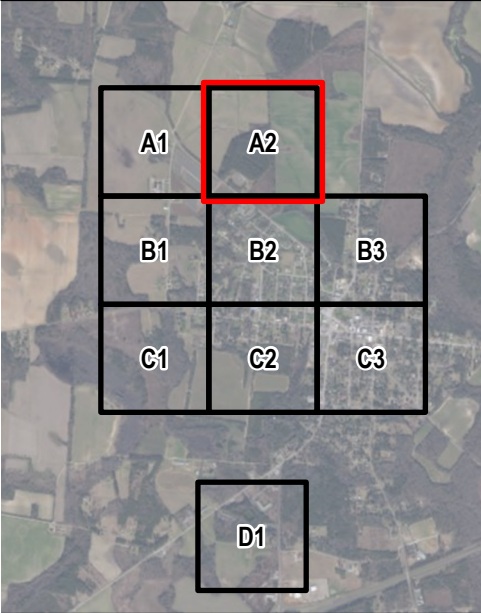
Town of Summerton | SC Office of Resilience  
Hydrologic and Hydraulic Study

Proposed Conditions Flood Analysis  
Rainfall: Future 25-Year SC Long (8.16")

Appendix D.15

Sector A2

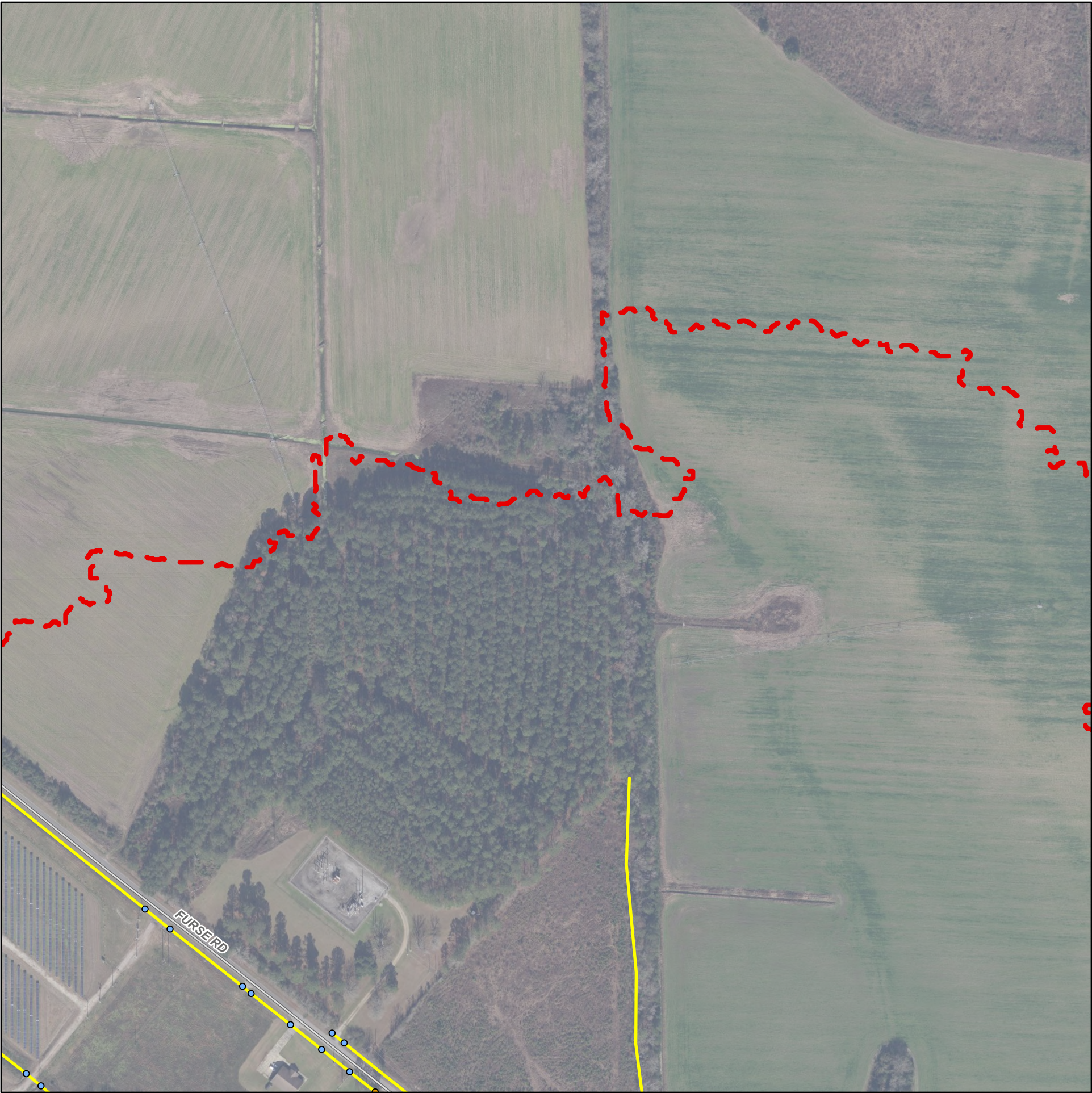
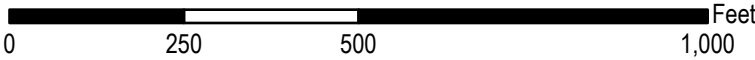
Page 2 of 9



- NOTES:
- 1. Study area encompassed by Census Tract 9608.01.
  - 2. Background 2020 aerial imagery collected by Kucera International. Imagery is managed by Adam DeMars, South Carolina State GIS Coordinator and hosted by ESRI.

Legend

- |                                    |                              |
|------------------------------------|------------------------------|
| Study Boundary                     | Pipe/Drainage Ditch Existing |
| Roadway                            | Pipe/Drainage Ditch Proposed |
| Outfall                            | Maximum Flood Depth          |
| Proposed Detention Basin           | Maximum Flood Depth          |
| Inlet/Manhole/End of Pipe Existing | Maximum Flood Depth          |
| Inlet/Manhole/End of Pipe Proposed | Maximum Flood Depth          |





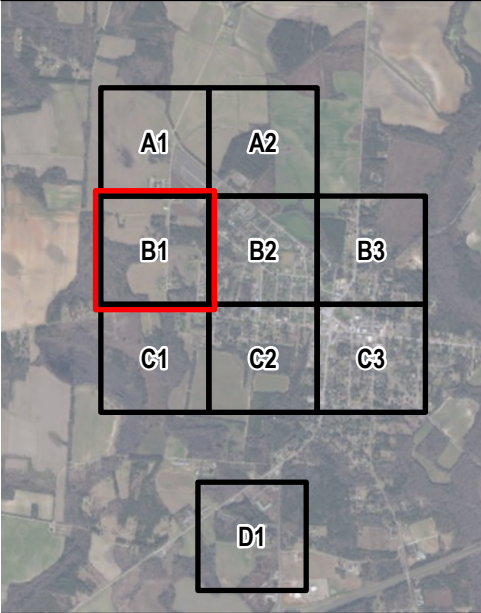
Town of Summerton | SC Office of Resilience  
Hydrologic and Hydraulic Study

Proposed Conditions Flood Analysis  
Rainfall: Future 25-Year SC Long (8.16")

Appendix D.15

Sector B1

Page 3 of 9



- NOTES:
- 1. Study area encompassed by Census Tract 9608.01.
  - 2. Background 2020 aerial imagery collected by Kucera International. Imagery is managed by Adam DeMars, South Carolina State GIS Coordinator and hosted by ESRI.

Legend

- Study Boundary

Roadway

Outfall

Proposed Detention Basin

Inlet/Manhole/End of Pipe

Existing

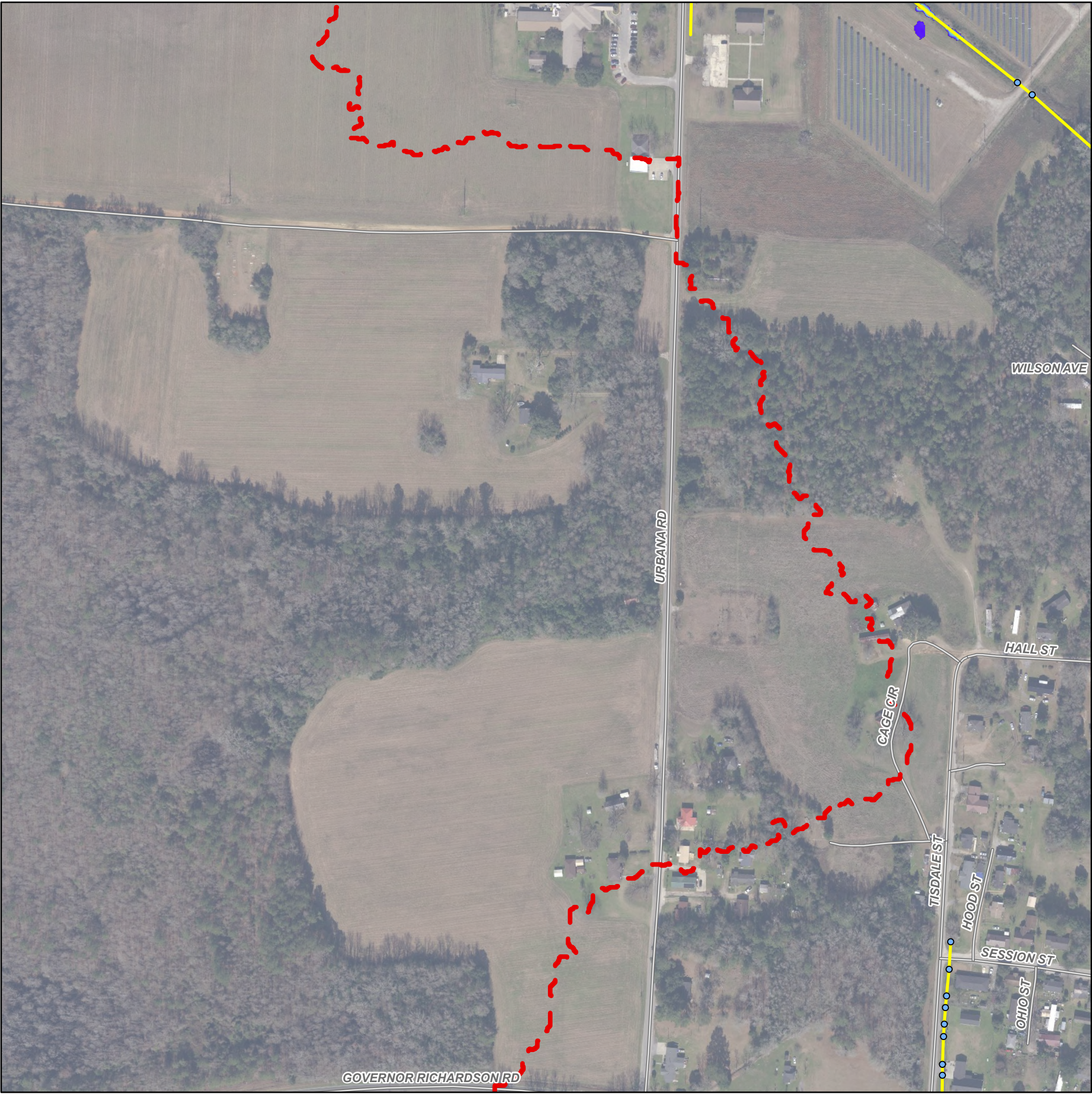
Proposed
- Pipe/Drainage Ditch Existing

Proposed

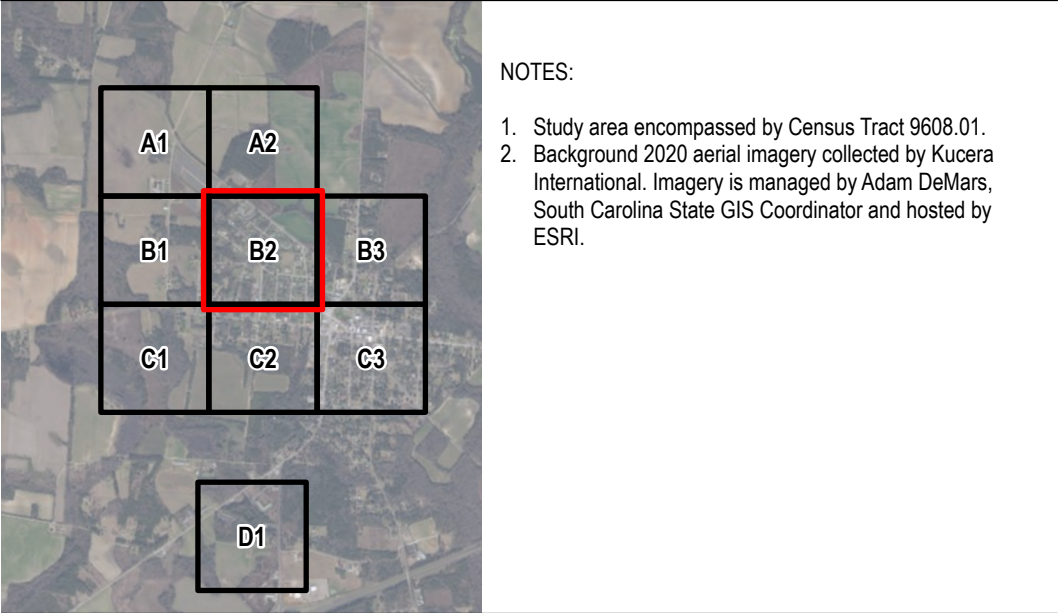
Maximum Flood Depth

> 3.00 ft

0.10 ft







### Legend

Study Boundary

Roadway

Outfall

Proposed Detention Basin

Inlet/Manhole/End of Pipe

Existing

Proposed

Pipe/Drainage Ditch

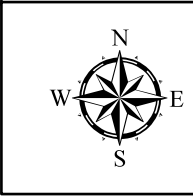
Existing

Proposed

Maximum Flood Depth

> 3.00 ft

0.10 ft



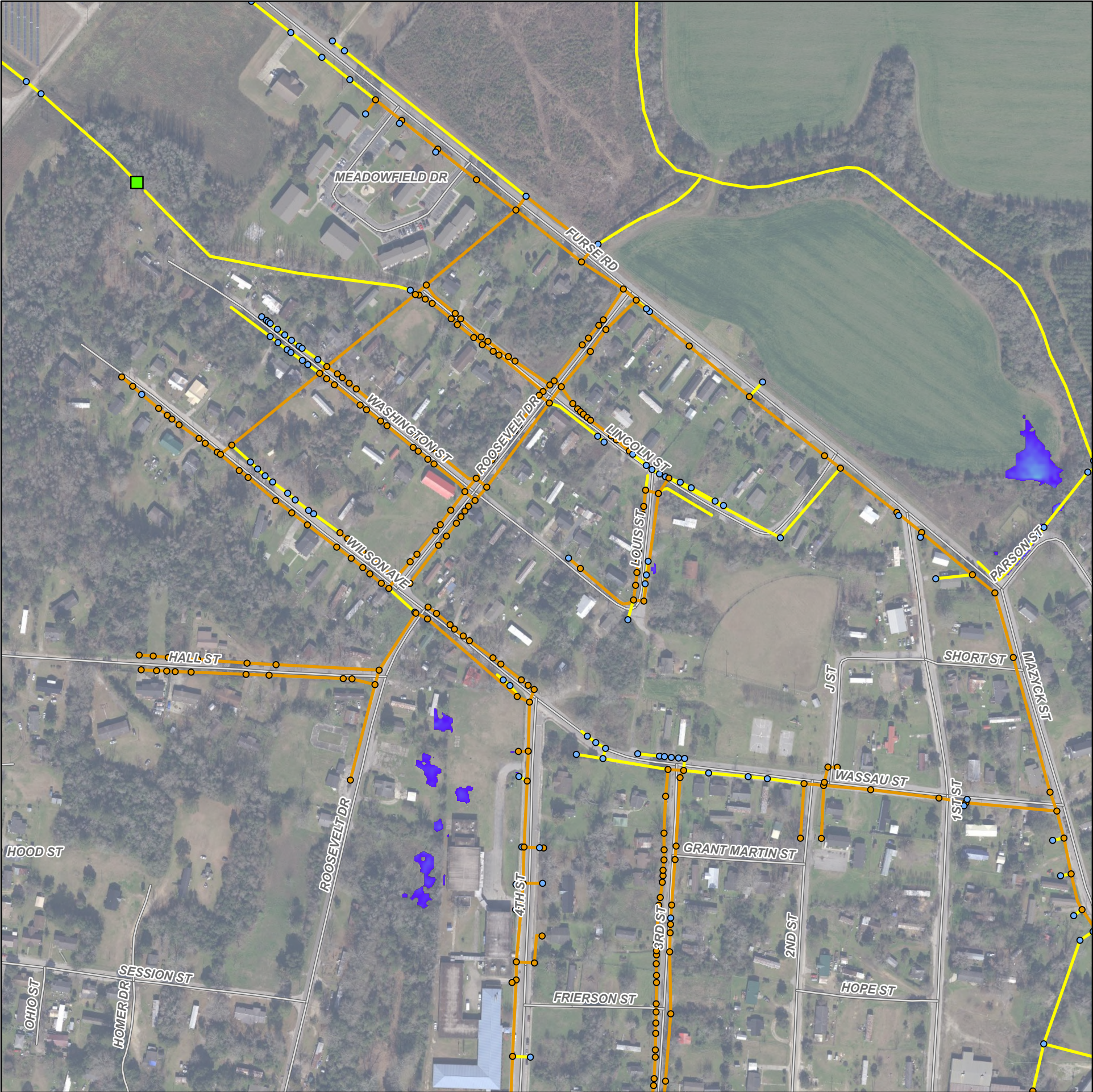
0

250

500

Feet

1,000





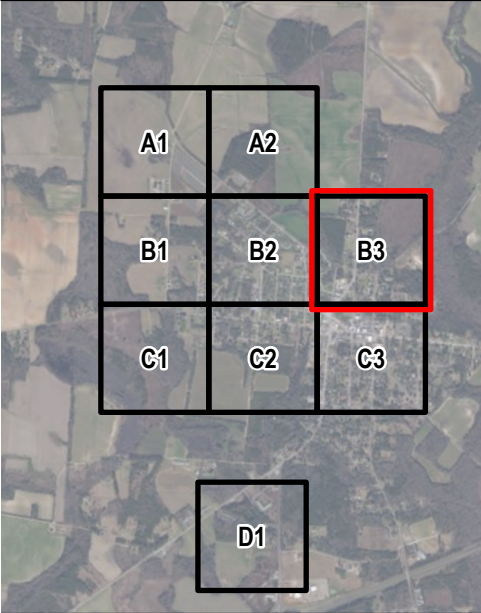
Town of Summerton | SC Office of Resilience  
Hydrologic and Hydraulic Study

Proposed Conditions Flood Analysis  
Rainfall: Future 25-Year SC Long (8.16")

Appendix D.15

Sector B3

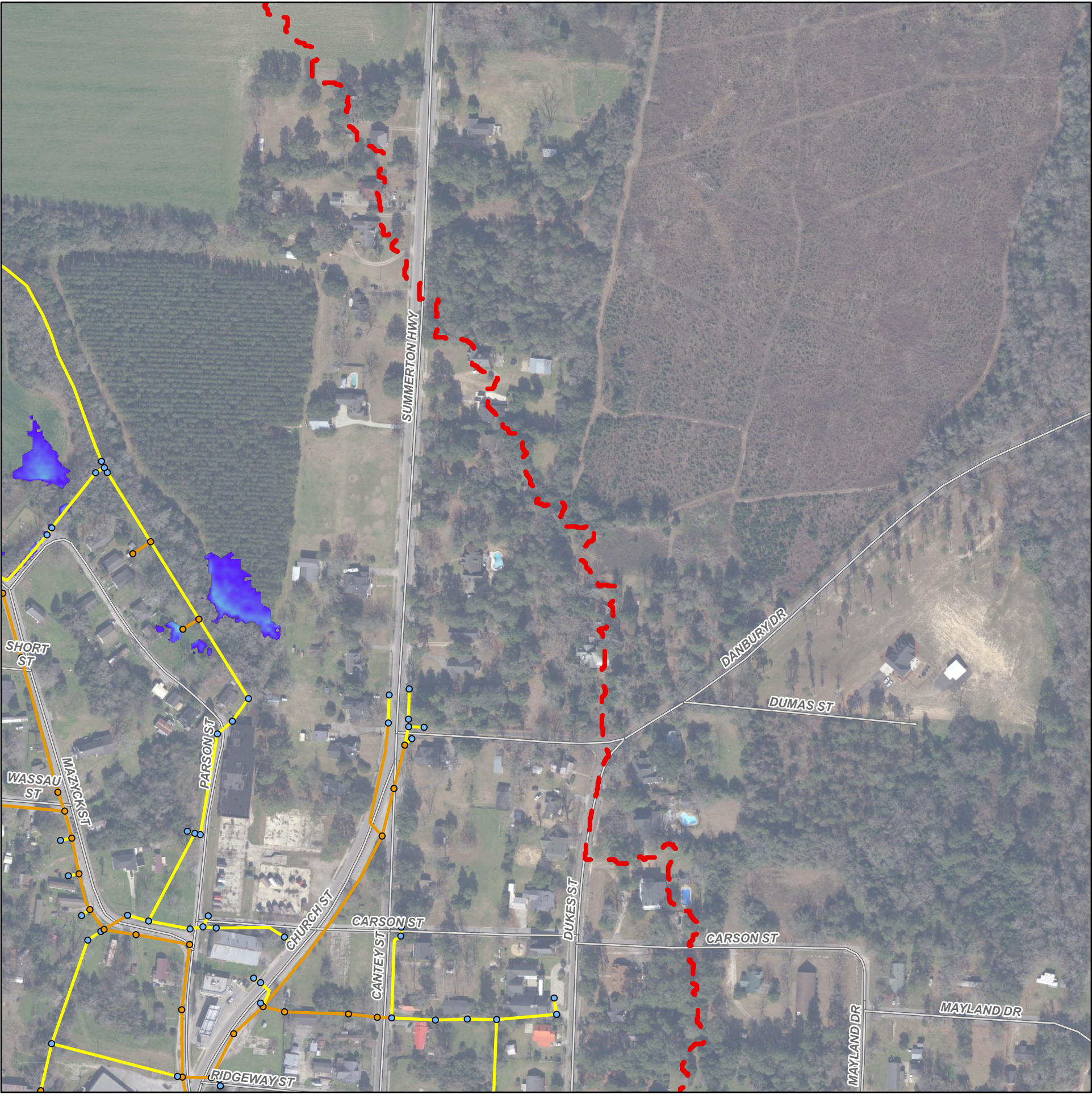
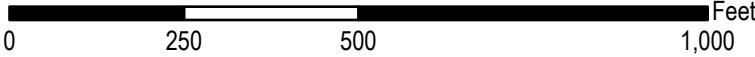
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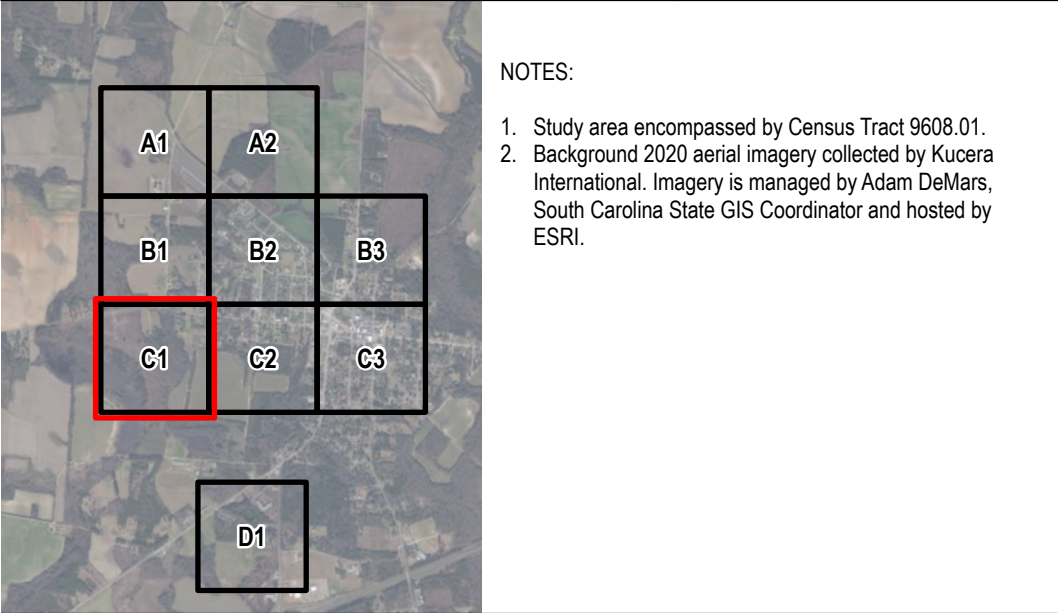
- NOTES:
- 1. Study area encompassed by Census Tract 9608.01.
  - 2. Background 2020 aerial imagery collected by Kucera International. Imagery is managed by Adam DeMars, South Carolina State GIS Coordinator and hosted by ESRI.

Legend

- |                                    |                              |
|------------------------------------|------------------------------|
| Study Boundary                     | Pipe/Drainage Ditch Existing |
| Roadway                            | Pipe/Drainage Ditch Proposed |
| Outfall                            | Maximum Flood Depth          |
| Proposed Detention Basin           | > 3.00 ft                    |
| Inlet/Manhole/End of Pipe Existing | 0.10 ft                      |
| Inlet/Manhole/End of Pipe Proposed |                              |







### Legend

Study Boundary

Roadway

Outfall

Proposed Detention Basin

Inlet/Manhole/End of Pipe Existing

Inlet/Manhole/End of Pipe Proposed

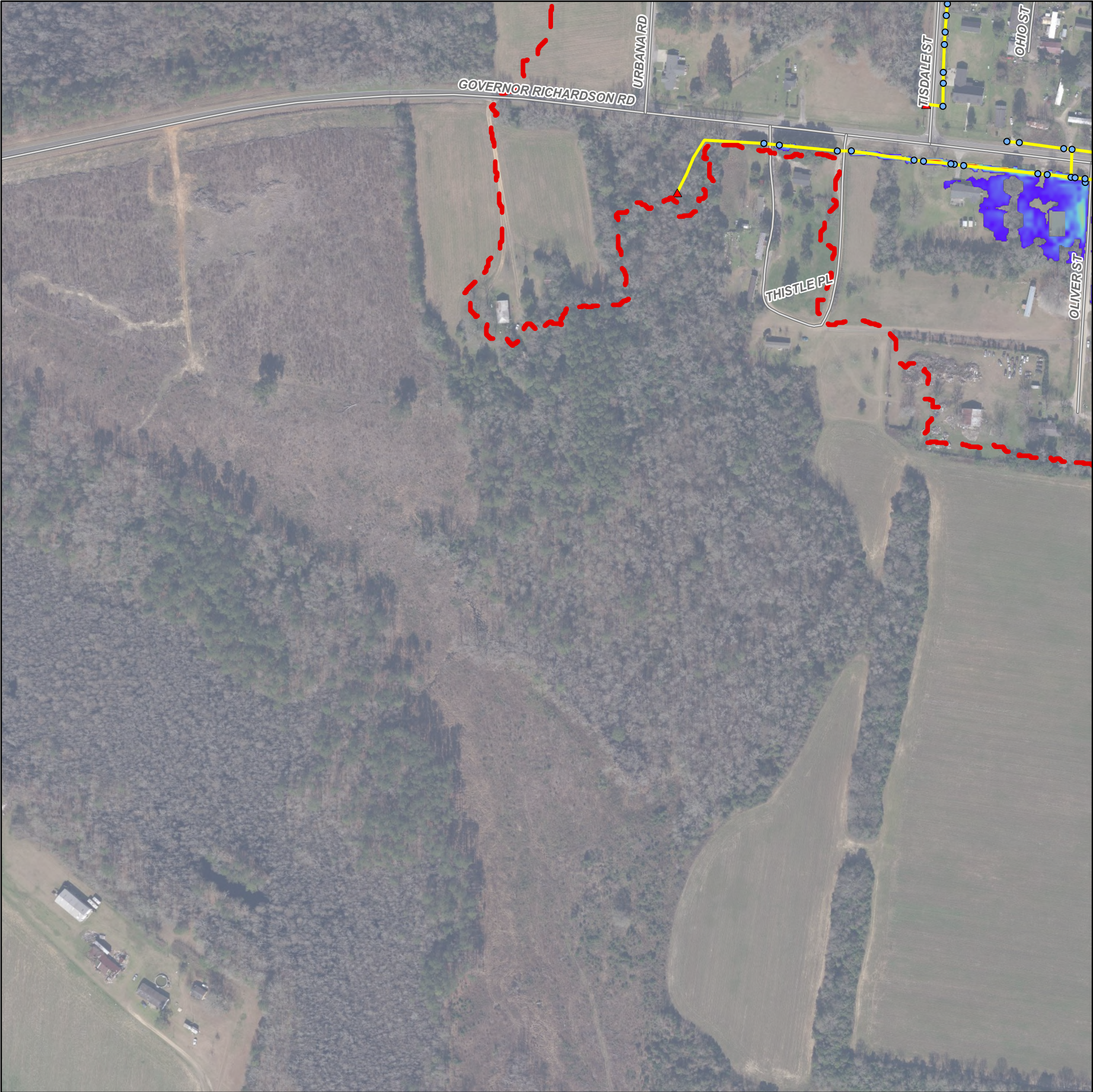
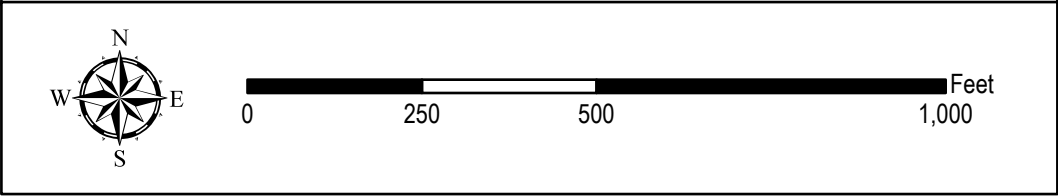
Pipe/Drainage Ditch Existing

Pipe/Drainage Ditch Proposed

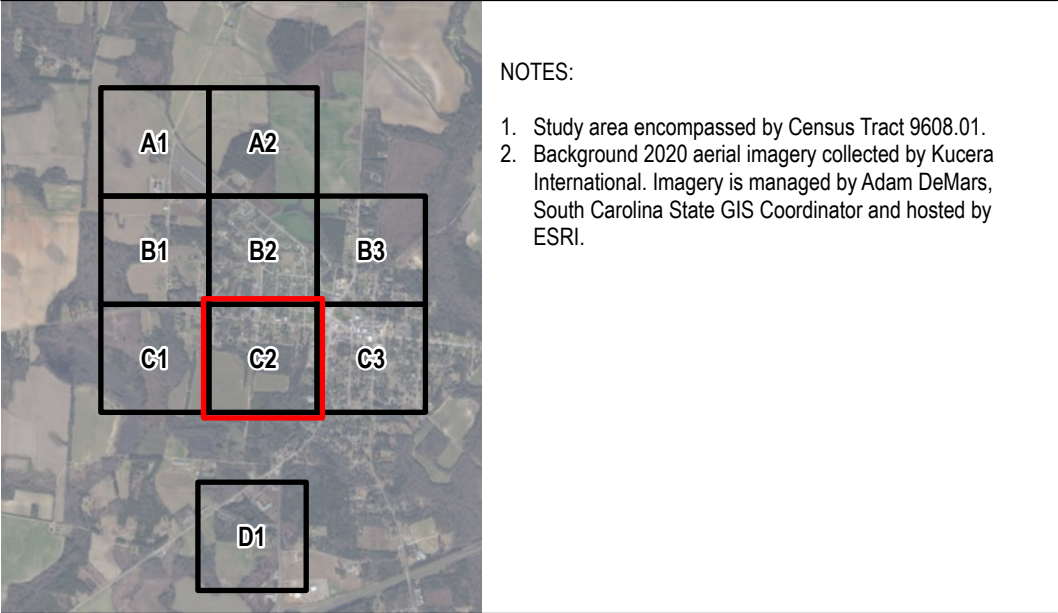
Maximum Flood Depth

> 3.00 ft

0.10 ft







### Legend

Study Boundary

Roadway

Outfall

Proposed Detention Basin

Inlet/Manhole/End of Pipe

Existing

Proposed

Pipe/Drainage Ditch

Existing

Proposed

Maximum Flood Depth

> 3.00 ft  
0.10 ft

0

250

500

1,000

Feet



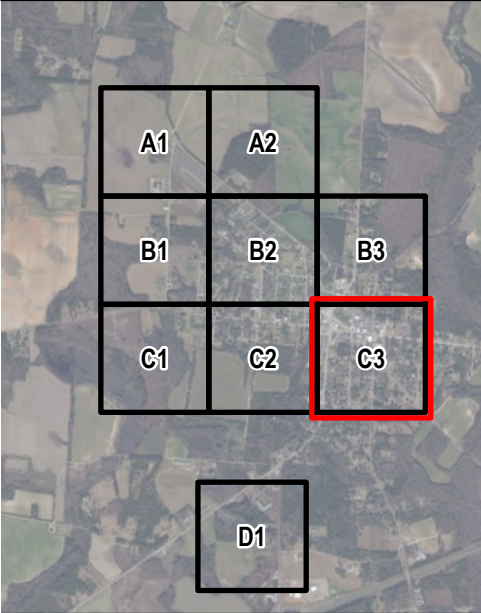
Town of Summerton | SC Office of Resilience  
Hydrologic and Hydraulic Study

Proposed Conditions Flood Analysis  
Rainfall: Future 25-Year SC Long (8.16")

Appendix D.15

Sector C3

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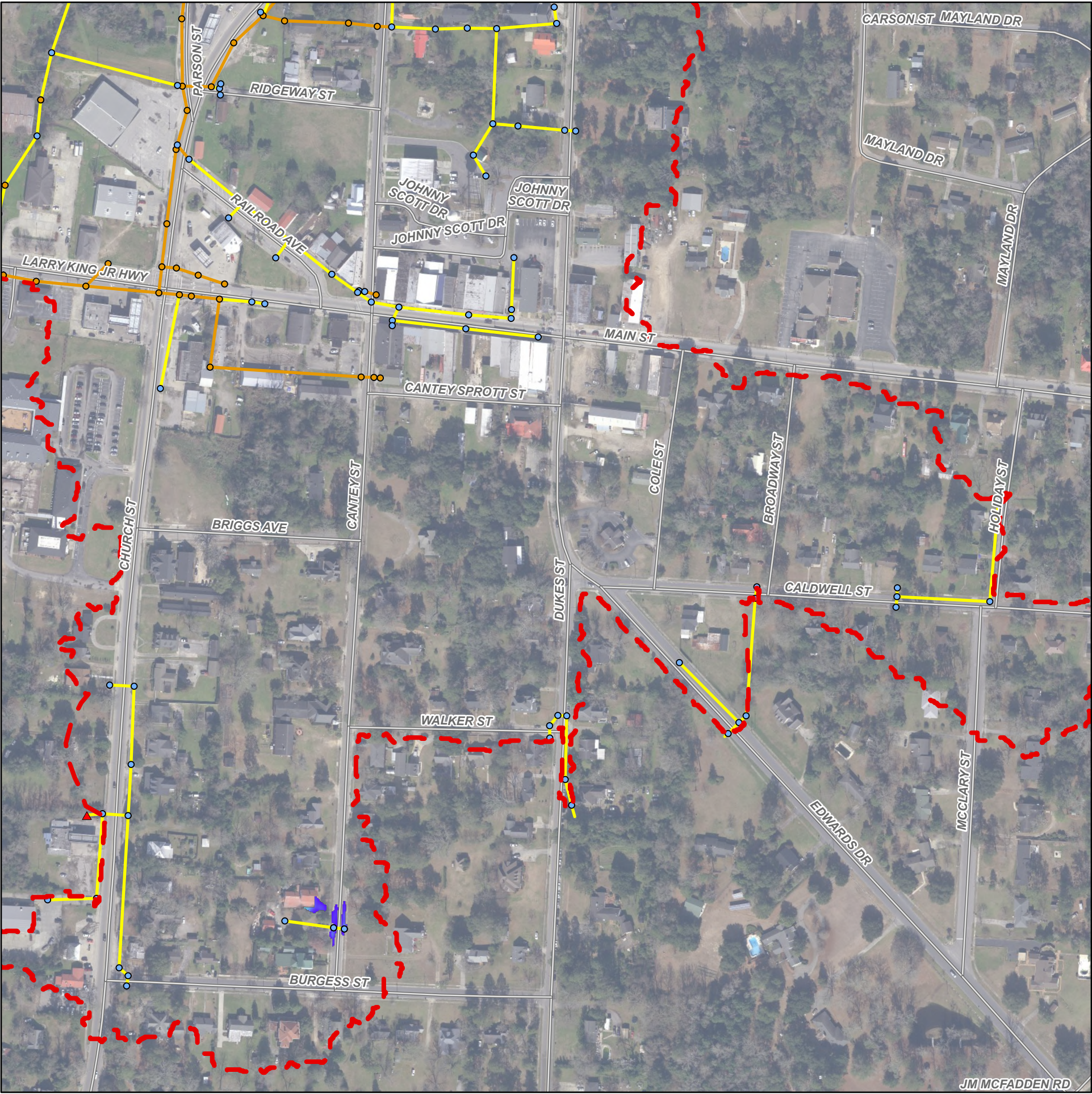
- NOTES:
1. Study area encompassed by Census Tract 9608.01.
  2. Background 2020 aerial imagery collected by Kucera International. Imagery is managed by Adam DeMars, South Carolina State GIS Coordinator and hosted by ESRI.

Legend

- Study Boundary
- Roadway
- Outfall
- Proposed Detention Basin
- Inlet/Manhole/End of Pipe
- Existing
- Proposed
- Pipe/Drainage Ditch
- Existing
- Proposed
- Maximum Flood Depth
- > 3.00 ft
- 0.10 ft



0 250 500 1,000 Feet





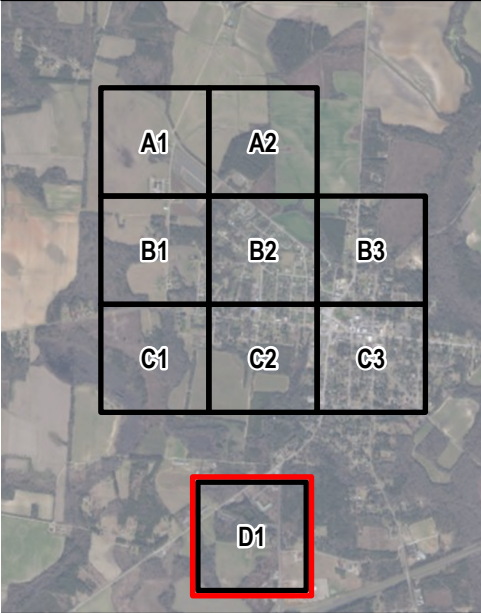
Town of Summerton | SC Office of Resilience  
Hydrologic and Hydraulic Study

Proposed Conditions Flood Analysis  
Rainfall: Future 25-Year SC Long (8.16")

Appendix D.15

Sector D1

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- NOTES:
- 1. Study area encompassed by Census Tract 9608.01.
  - 2. Background 2020 aerial imagery collected by Kucera International. Imagery is managed by Adam DeMars, South Carolina State GIS Coordinator and hosted by ESRI.

Legend

- |                                    |                              |
|------------------------------------|------------------------------|
| Study Boundary                     | Pipe/Drainage Ditch Existing |
| Roadway                            | Proposed                     |
| Outfall                            | Maximum Flood Depth          |
| Proposed Detention Basin           | > 3.00 ft                    |
| Inlet/Manhole/End of Pipe Existing | 0.10 ft                      |
| Proposed                           |                              |





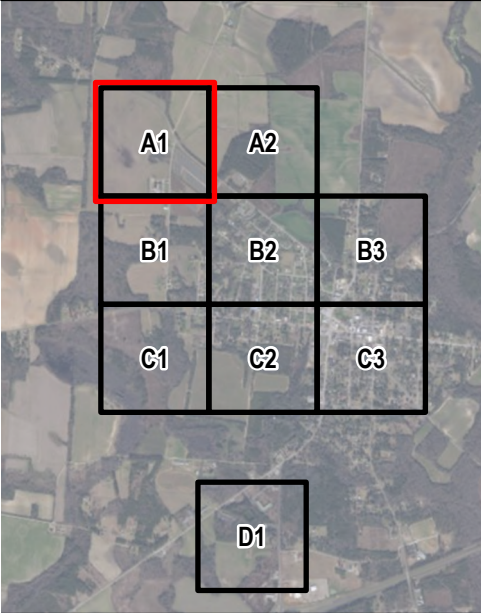
Town of Summerton | SC Office of Resilience  
Hydrologic and Hydraulic Study

Proposed Conditions Flood Analysis  
Rainfall: Future 100-Year SC Long (11.11")

Appendix D.16

Sector A1

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- NOTES:
- 1. Study area encompassed by Census Tract 9608.01.
  - 2. Background 2020 aerial imagery collected by Kucera International. Imagery is managed by Adam DeMars, South Carolina State GIS Coordinator and hosted by ESRI.

Legend

- Study Boundary

Roadway

Outfall

Proposed Detention Basin

Inlet/Manhole/End of Pipe Existing

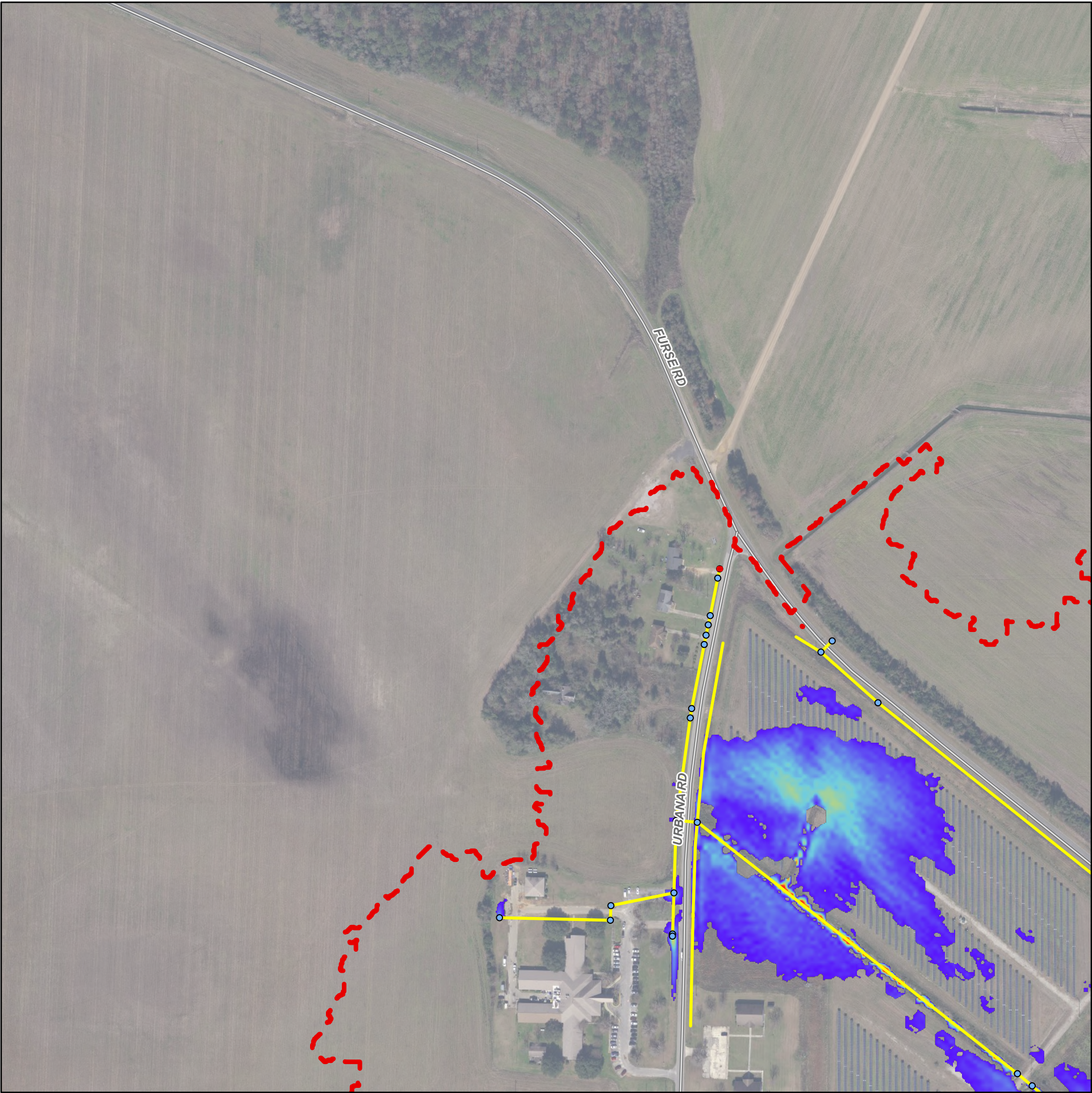
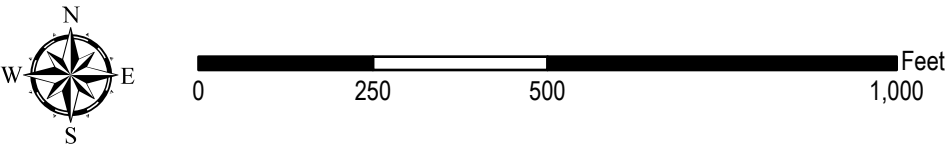
Inlet/Manhole/End of Pipe Proposed
- Pipe/Drainage Ditch Existing

Pipe/Drainage Ditch Proposed

Maximum Flood Depth

> 3.00 ft

0.10 ft





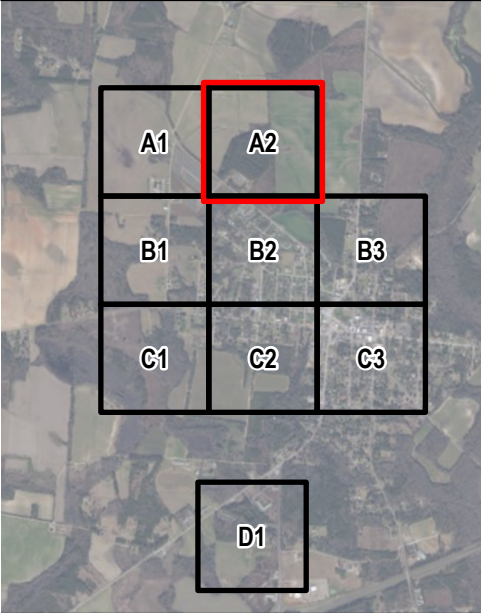
Town of Summerton | SC Office of Resilience  
Hydrologic and Hydraulic Study

Proposed Conditions Flood Analysis  
Rainfall: Future 100-Year SC Long (11.11")

Appendix D.16

Sector A2

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- NOTES:
- 1. Study area encompassed by Census Tract 9608.01.
  - 2. Background 2020 aerial imagery collected by Kucera International. Imagery is managed by Adam DeMars, South Carolina State GIS Coordinator and hosted by ESRI.

Legend

- Study Boundary

Roadway

Outfall

Proposed Detention Basin

Existing

Proposed

Inlet/Manhole/End of Pipe

Existing

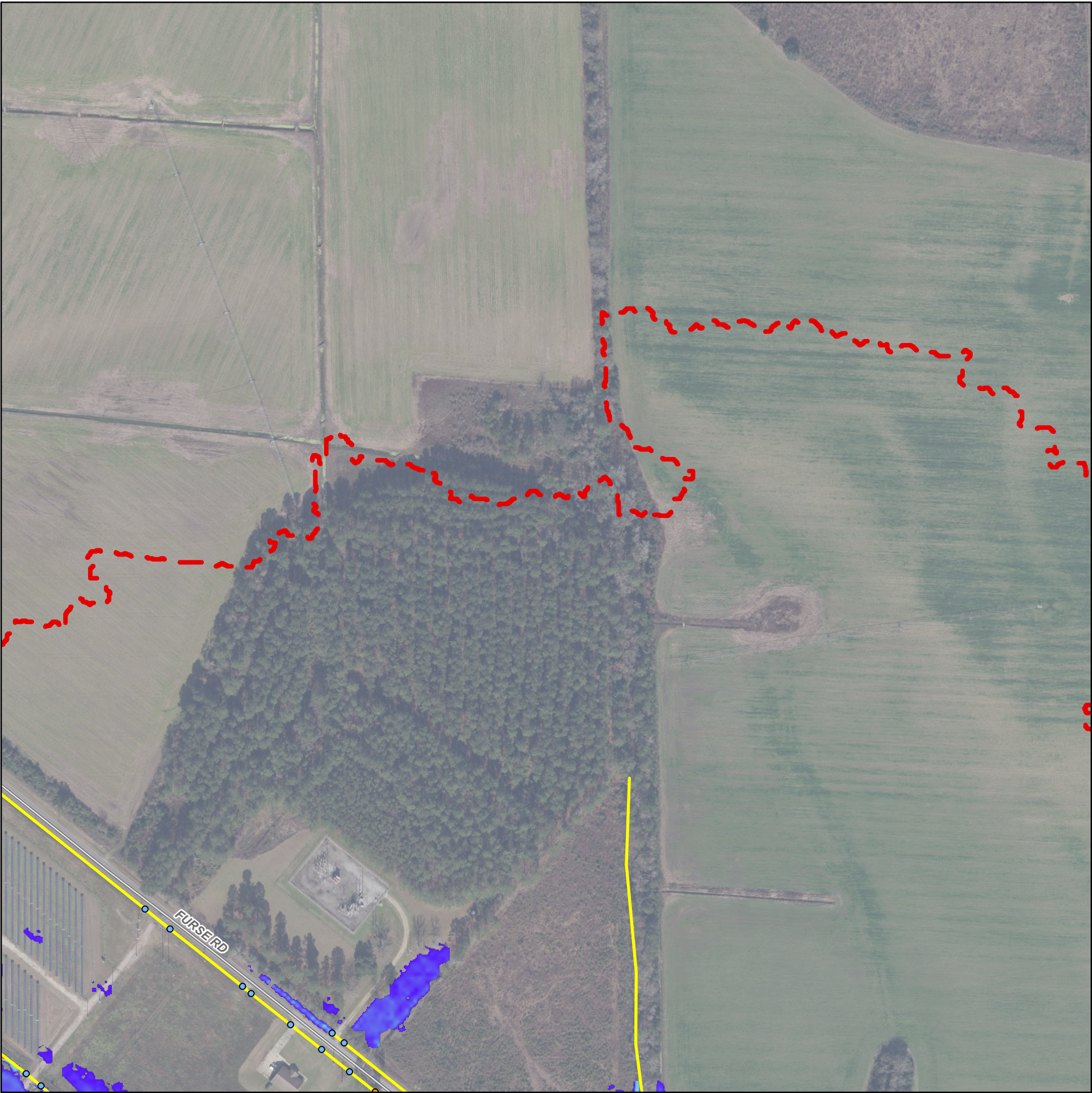
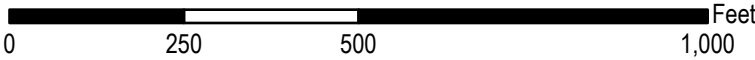
Proposed

Pipe/Drainage Ditch

> 3.00 ft

0.10 ft

Maximum Flood Depth





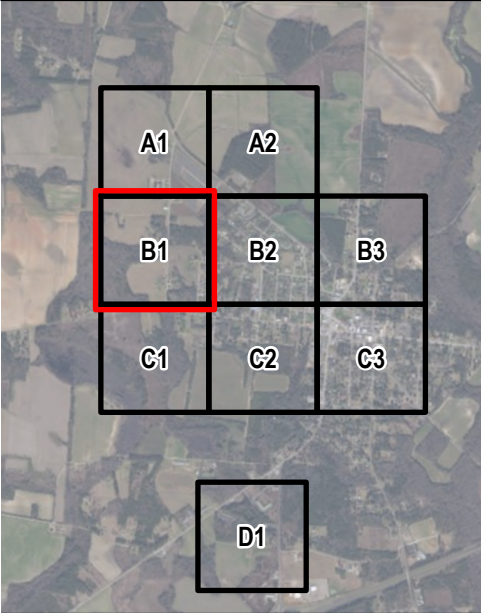
Town of Summerton | SC Office of Resilience  
Hydrologic and Hydraulic Study

Proposed Conditions Flood Analysis  
Rainfall: Future 100-Year SC Long (11.11")

Appendix D.16

Sector B1

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- NOTES:
- 1. Study area encompassed by Census Tract 9608.01.
  - 2. Background 2020 aerial imagery collected by Kucera International. Imagery is managed by Adam DeMars, South Carolina State GIS Coordinator and hosted by ESRI.

Legend

- Study Boundary

Roadway

Outfall

Proposed Detention Basin

Inlet/Manhole/End of Pipe Existing

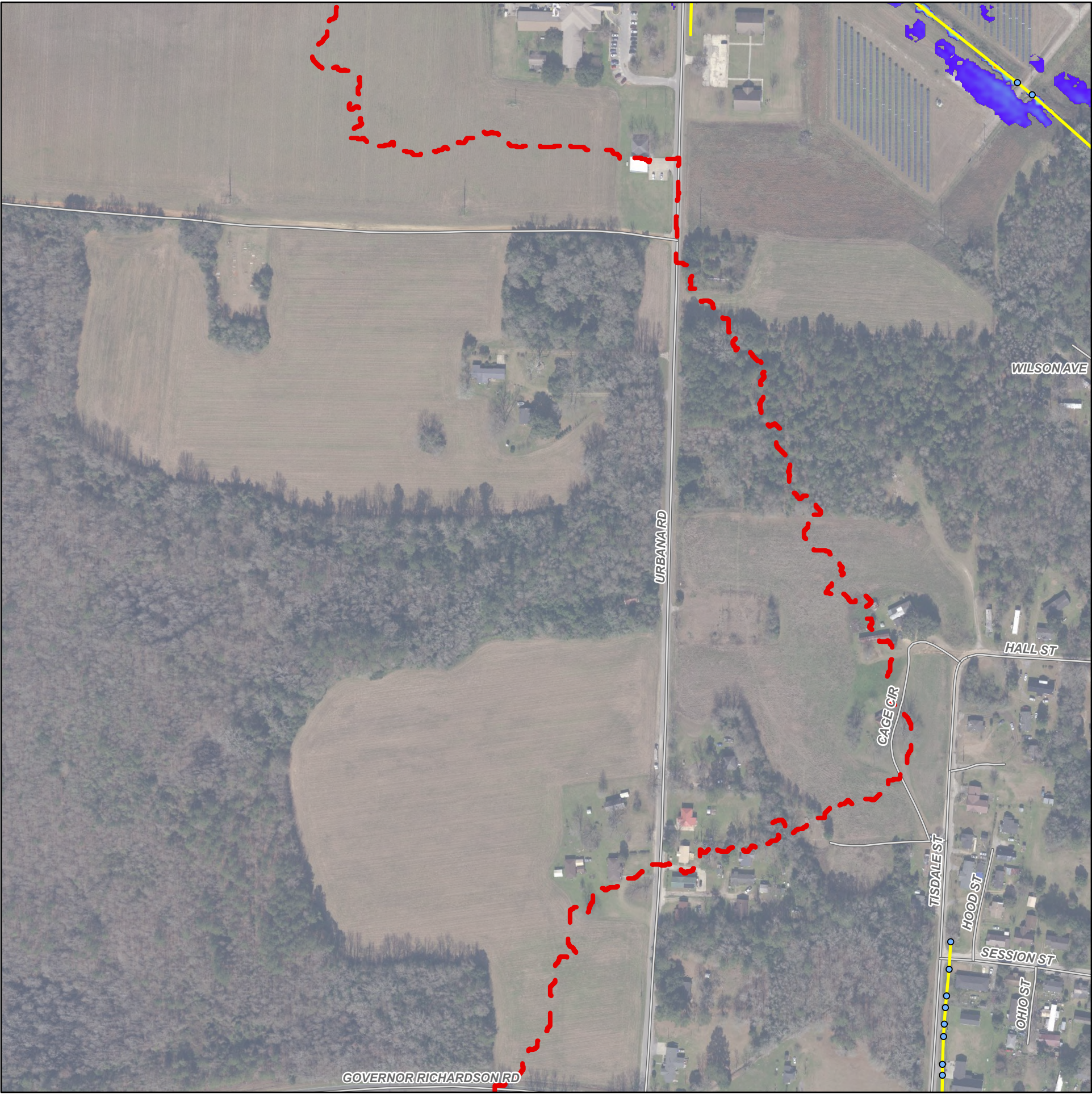
Inlet/Manhole/End of Pipe Proposed
- Pipe/Drainage Ditch Existing

Pipe/Drainage Ditch Proposed

Maximum Flood Depth

> 3.00 ft

0.10 ft





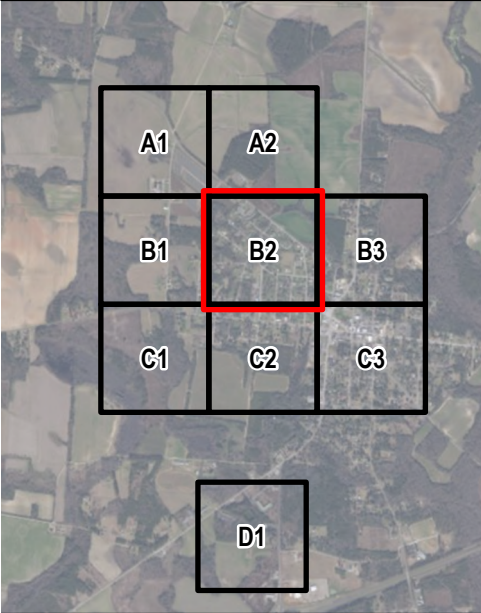
Town of Summerton | SC Office of Resilience  
Hydrologic and Hydraulic Study

Proposed Conditions Flood Analysis  
Rainfall: Future 100-Year SC Long (11.11")

Appendix D.16

Sector B2

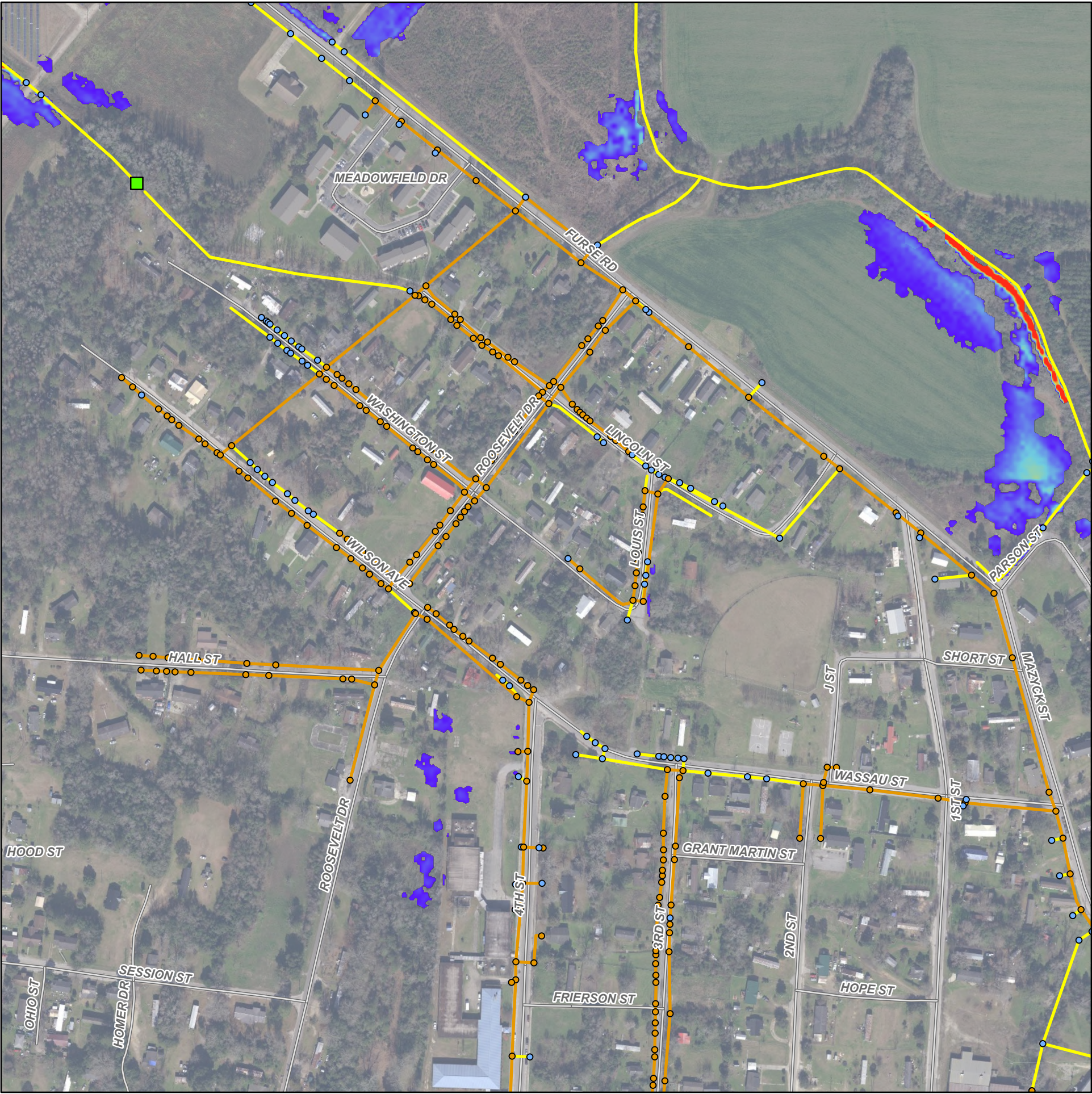
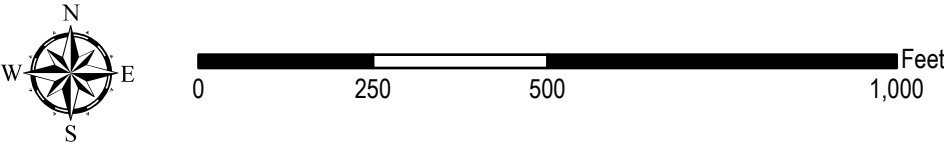
Page 4 of 9



- NOTES:
1. Study area encompassed by Census Tract 9608.01.
  2. Background 2020 aerial imagery collected by Kucera International. Imagery is managed by Adam DeMars, South Carolina State GIS Coordinator and hosted by ESRI.

Legend

- Study Boundary
- Roadway
- Outfall
- Proposed Detention Basin
- Inlet/Manhole/End of Pipe
- Existing
- Proposed
- Pipe/Drainage Ditch
- Existing
- Proposed
- Maximum Flood Depth
- > 3.00 ft
- 0.10 ft





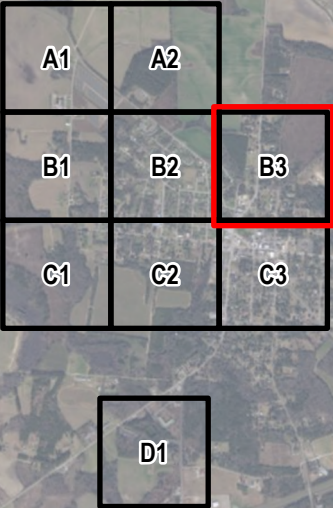
Town of Summerton | SC Office of Resilience  
Hydrologic and Hydraulic Study

Proposed Conditions Flood Analysis  
Rainfall: Future 100-Year SC Long (11.11")

Appendix D.16

Sector B3

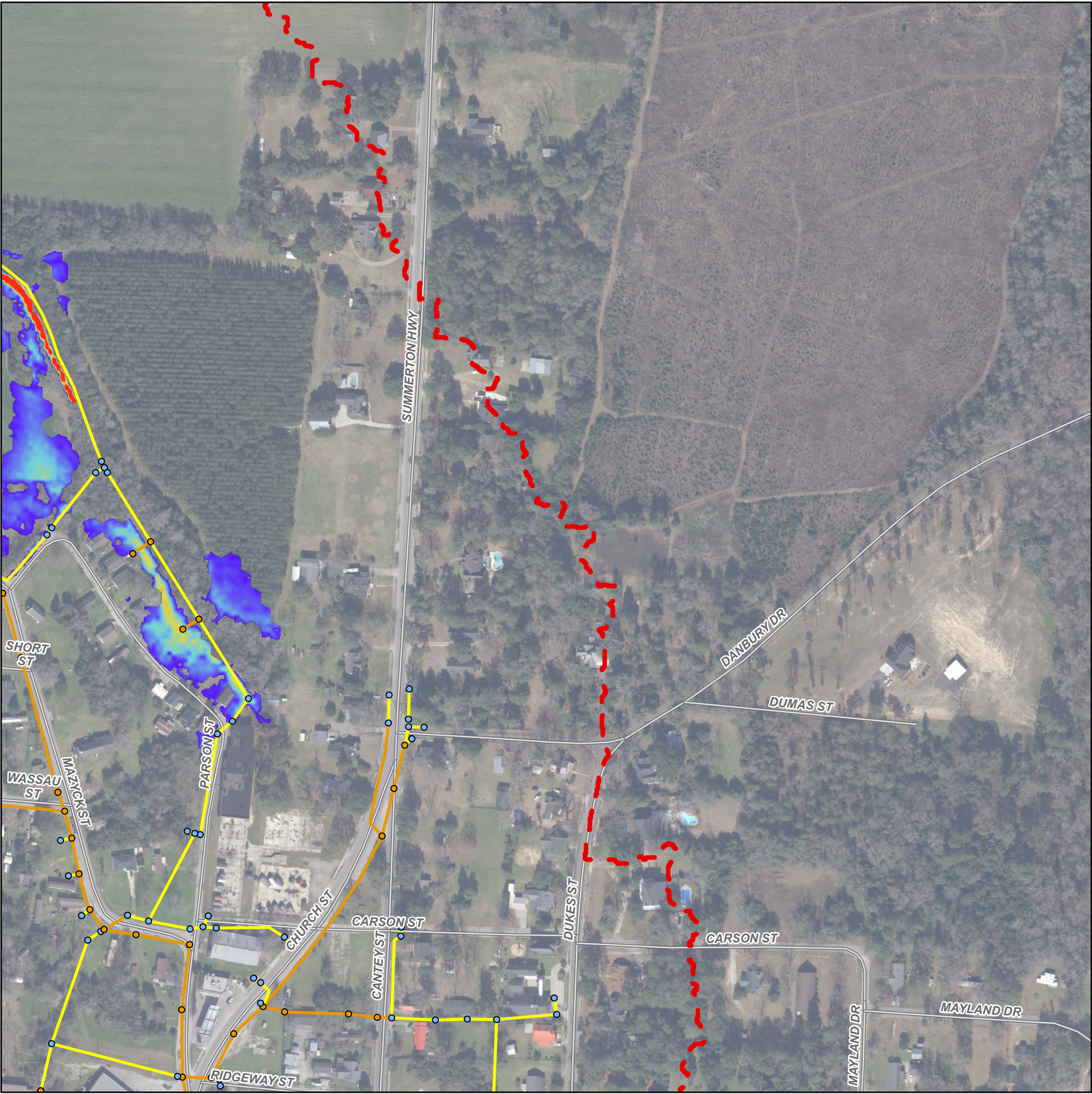
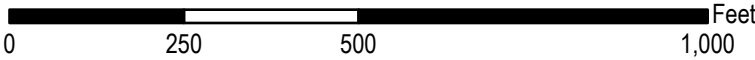
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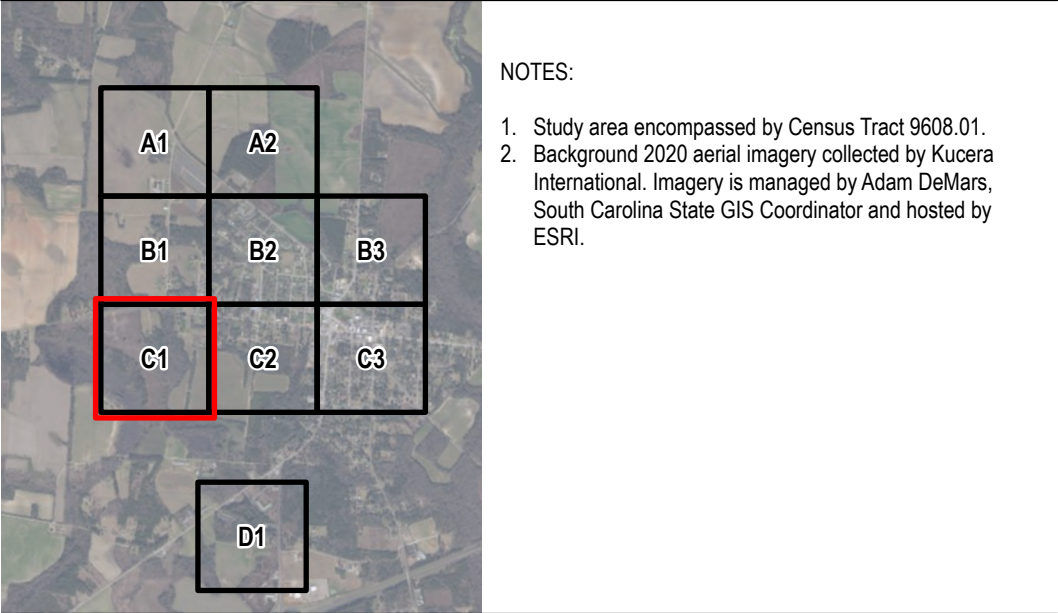
- NOTES:
- 1. Study area encompassed by Census Tract 9608.01.
  - 2. Background 2020 aerial imagery collected by Kucera International. Imagery is managed by Adam DeMars, South Carolina State GIS Coordinator and hosted by ESRI.

Legend

- |                                    |                              |
|------------------------------------|------------------------------|
| Study Boundary                     | Pipe/Drainage Ditch Existing |
| Roadway                            | Proposed                     |
| Outfall                            | Maximum Flood Depth          |
| Proposed Detention Basin           | > 3.00 ft                    |
| Inlet/Manhole/End of Pipe Existing | 0.10 ft                      |
| Proposed                           |                              |







### Legend

Study Boundary

Roadway

Outfall

Proposed Detention Basin

Inlet/Manhole/End of Pipe

Existing

Proposed

Pipe/Drainage Ditch

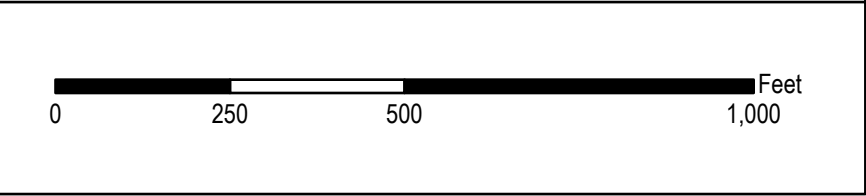
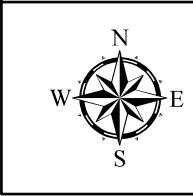
Existing

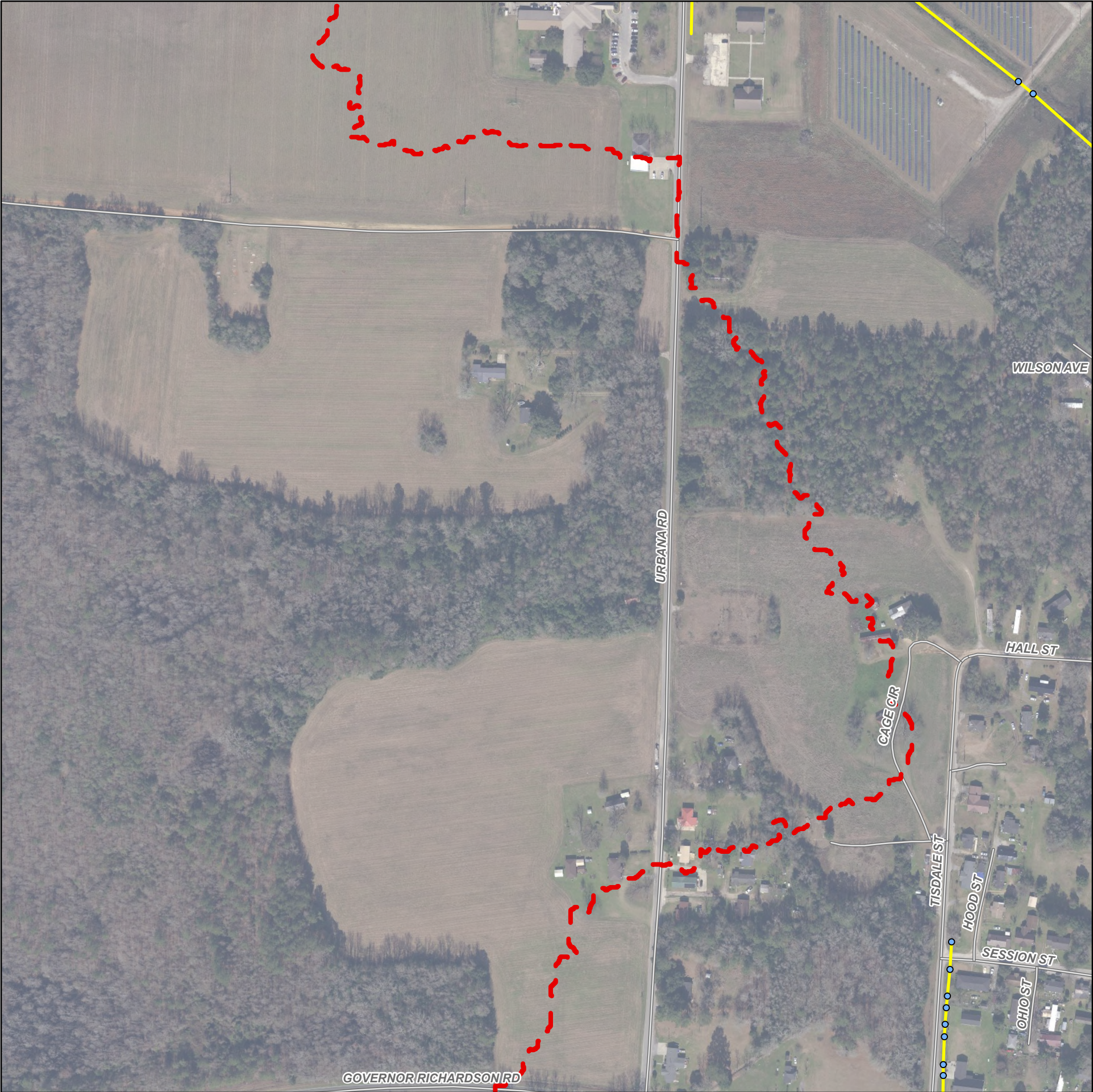
Proposed

Maximum Flood Depth

> 3.00 ft

0.10 ft







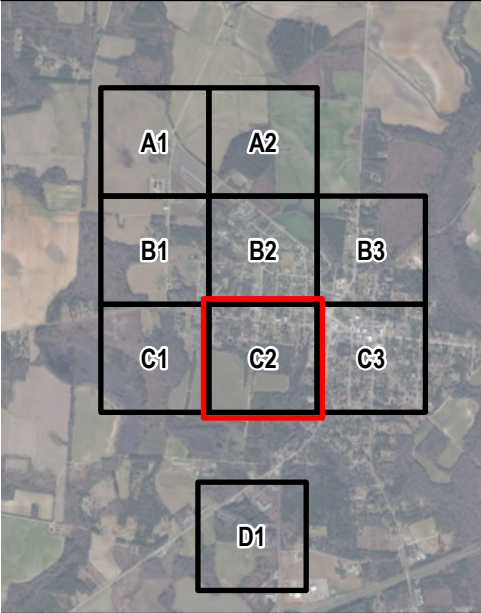
Town of Summerton | SC Office of Resilience  
Hydrologic and Hydraulic Study

Proposed Conditions Flood Analysis  
Rainfall: Future 100-Year SC Long (11.11")

Appendix D.16

Sector C2

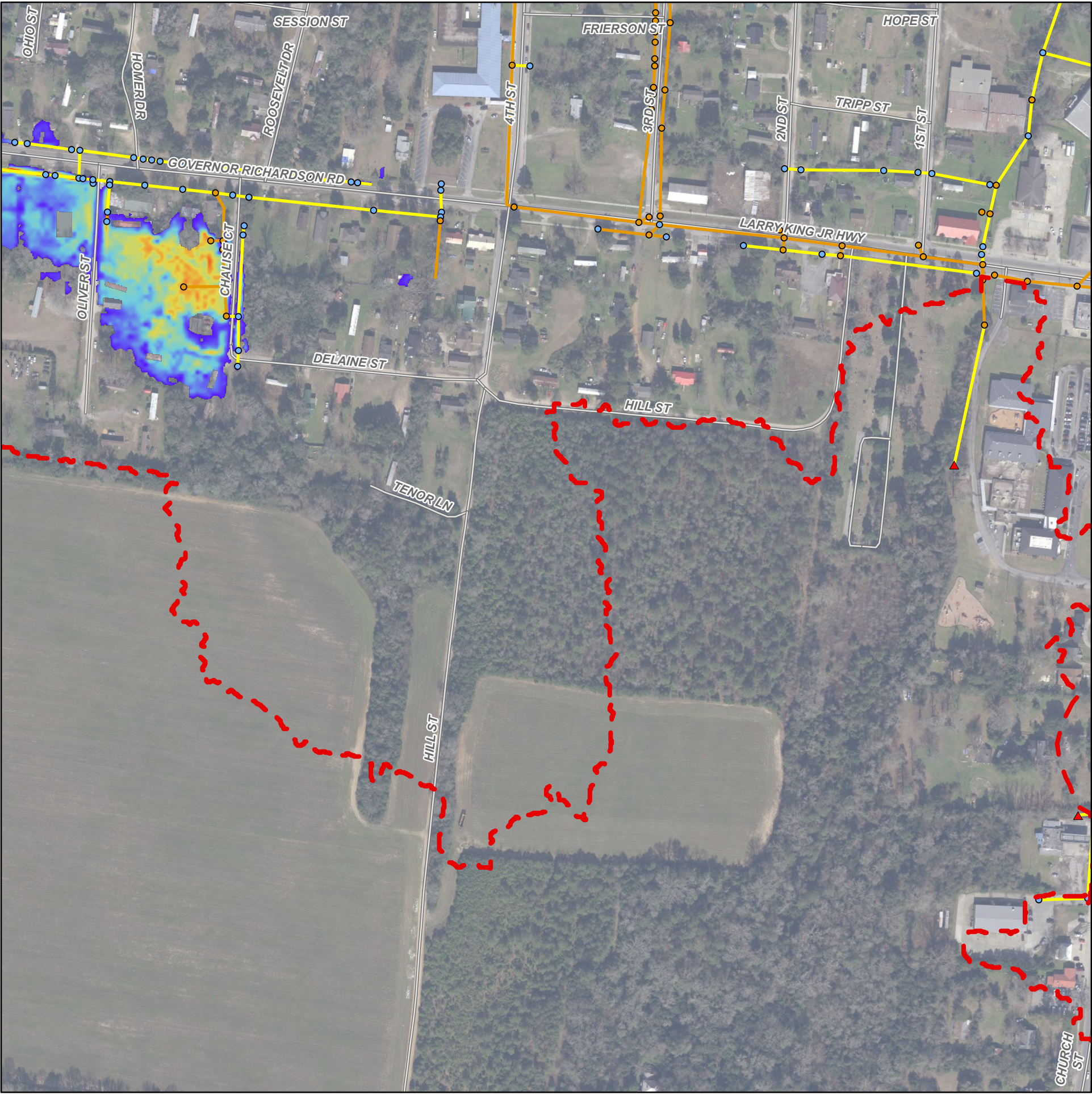
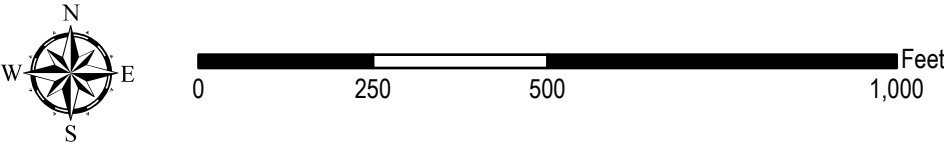
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- NOTES:
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  2. Background 2020 aerial imagery collected by Kucera International. Imagery is managed by Adam DeMars, South Carolina State GIS Coordinator and hosted by ESRI.

Legend

- |                                    |                              |
|------------------------------------|------------------------------|
| Study Boundary                     | Pipe/Drainage Ditch Existing |
| Roadway                            | Pipe/Drainage Ditch Proposed |
| Outfall                            | Maximum Flood Depth          |
| Proposed Detention Basin           | Maximum Flood Depth          |
| Inlet/Manhole/End of Pipe Existing | Maximum Flood Depth          |
| Inlet/Manhole/End of Pipe Proposed | Maximum Flood Depth          |





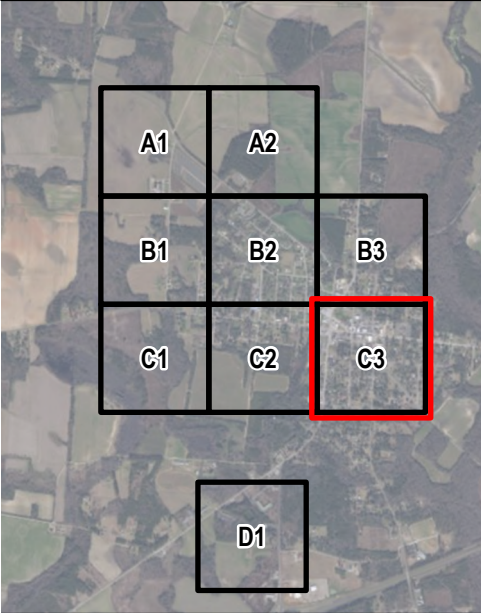
Town of Summerton | SC Office of Resilience  
Hydrologic and Hydraulic Study

Proposed Conditions Flood Analysis  
Rainfall: Future 100-Year SC Long (11.11")

Appendix D.16

Sector C3

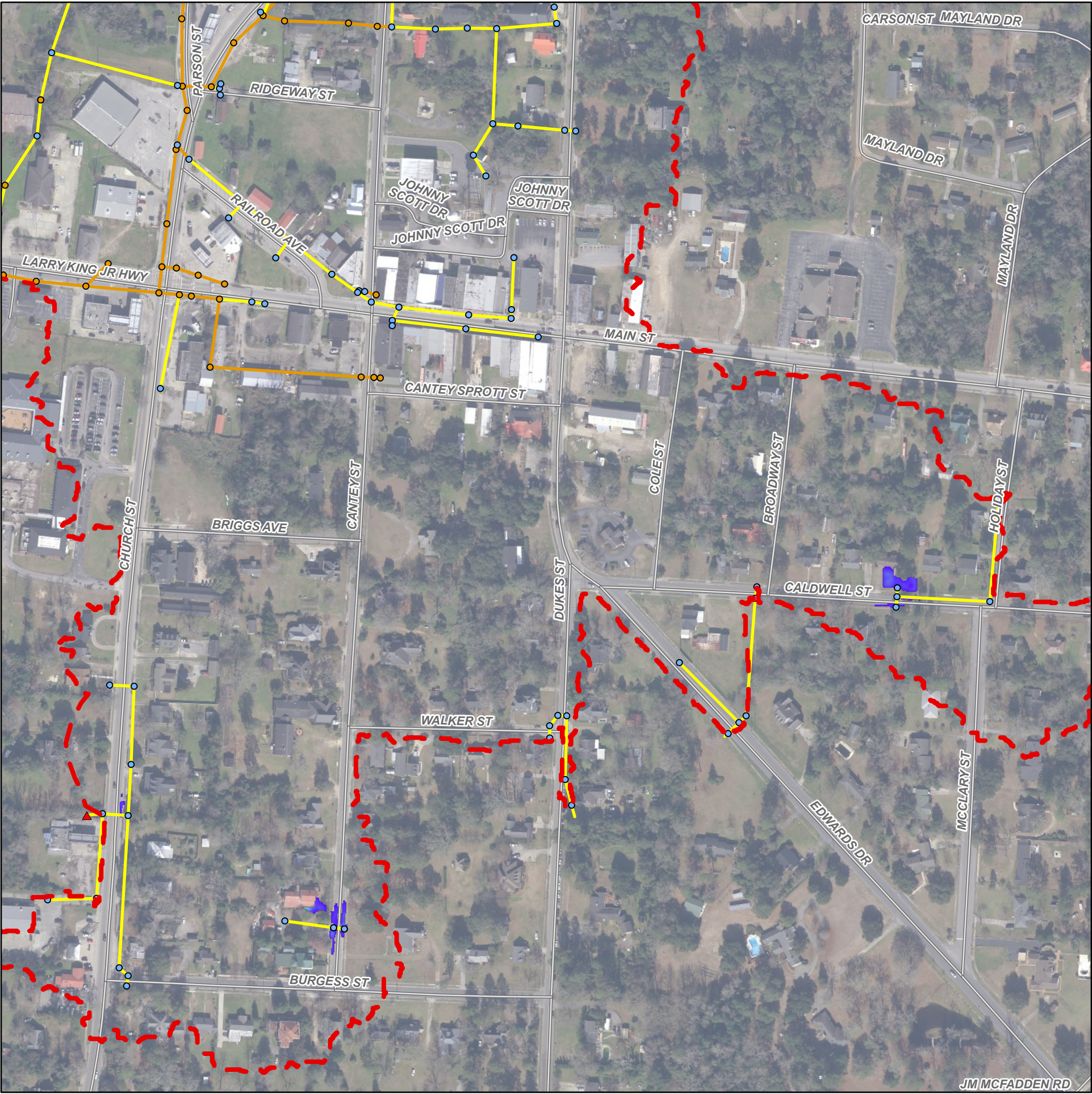
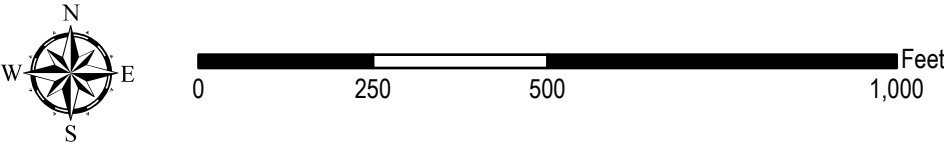
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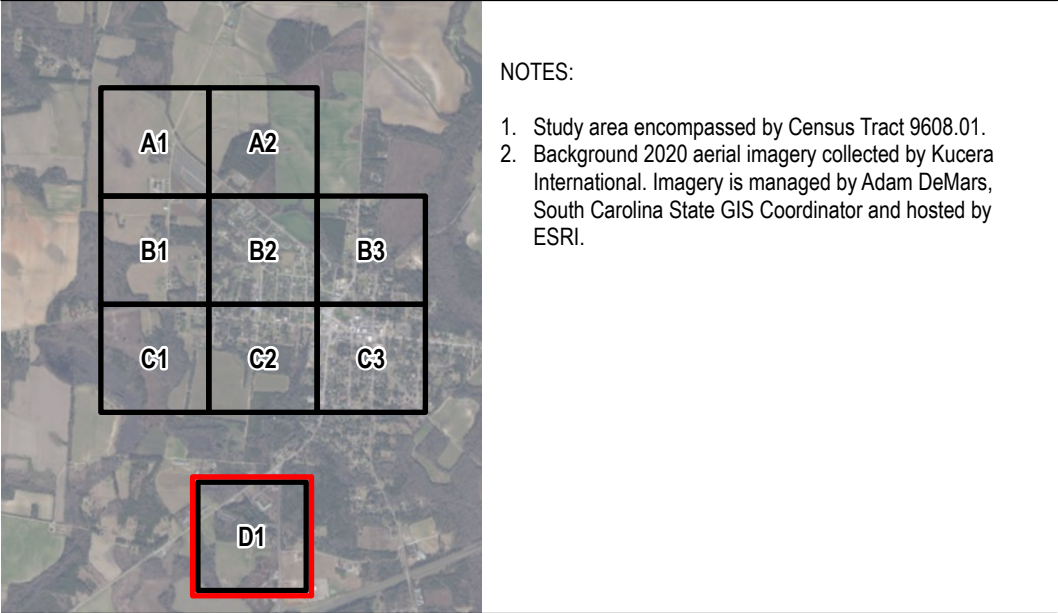
- NOTES:
1. Study area encompassed by Census Tract 9608.01.
  2. Background 2020 aerial imagery collected by Kucera International. Imagery is managed by Adam DeMars, South Carolina State GIS Coordinator and hosted by ESRI.

Legend

- |                                    |                              |
|------------------------------------|------------------------------|
| Study Boundary                     | Pipe/Drainage Ditch Existing |
| Roadway                            | Proposed                     |
| Outfall                            | Maximum Flood Depth          |
| Proposed Detention Basin           | > 3.00 ft                    |
| Inlet/Manhole/End of Pipe Existing | 0.10 ft                      |
| Proposed                           |                              |







### Legend

Study Boundary

Roadway

Outfall

Proposed Detention Basin

Inlet/Manhole/End of Pipe

Existing

Proposed

Pipe/Drainage Ditch

Existing

Proposed

Maximum Flood Depth

> 3.00 ft

0.10 ft